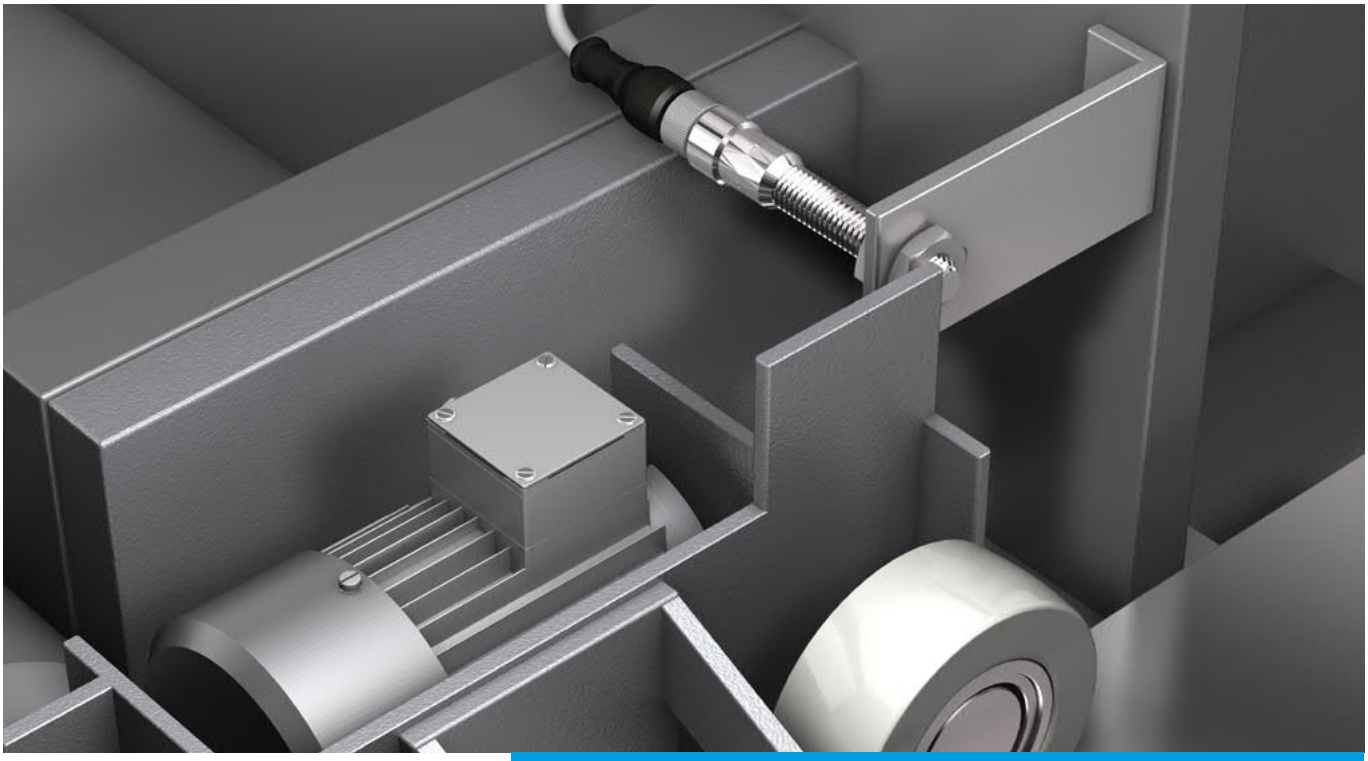
Inductive proximity sensors



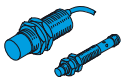
Our inductive proximity sensors are available in Ø 3 mm to M30 models as well as rectangular designs from miniature up to 40 x 40 mm. Fully metallic versions, pressure-resistant sensors up to 500 bar, as well as up to 3x or 4x switching distances supplement our product range, in addition to sensors with an analog output for precise production or testing processes. We are continually making developments to our portfolio to offer our customers real added value in a digitized industrial environment.

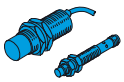
INS-100 STANDARD

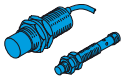
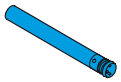
Our INS-100 Standard series impresses with its outstanding price-performance ration in many standard industrial applications.
These proximity sensors are equipped with a simple switching distance and are available in the standard lengths of Ø 6.5 mm to M30 and rectangular-shaped in 8 x 8 mm.
Both devices are available with a high-quality PVC cable and sensors with a M8 or M12 plug connection as connection variants.

CE

Technical data (typ.)	+20 °C, 24 V DC
Installation instructions	flush (f) / non-flush (nf) (see page 43)
For more information, visit	www.di-soric.com

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INS-100 Standard, standard design							
	M8 x 45	1.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	INS-M08-B01PS-2C
				pnp, 200 mA, NC			INS-M08-B01PO-2C
				npn, 200 mA, NO			INS-M08-B01NS-2C
				npn, 200 mA, NC			INS-M08-B01NO-2C
	M8 x 45	2.0	nf	pnp, 200 mA, NO	Stainless steel V2A	2 m	INS-M08-N02PS-2C
				pnp, 200 mA, NC			INS-M08-N02PO-2C
				npn, 200 mA, NO			INS-M08-N02NS-2C
				npn, 200 mA, NC			INS-M08-N02NO-2C
	M8 x 60	1.0	f	pnp, 200 mA, NO	Stainless steel V2A	M8	INS-M08-B01PS-T3
				pnp, 200 mA, NC			INS-M08-B01PO-T3
				npn, 200 mA, NO			INS-M08-B01NS-T3
				npn, 200 mA, NC			INS-M08-B01NO-T3
	M8 x 60	2.0	nf	pnp, 200 mA, NO	Stainless steel V2A	M8	INS-M08-N02PS-T3
				pnp, 200 mA, NC			INS-M08-N02PO-T3
				npn, 200 mA, NO			INS-M08-N02NS-T3
				npn, 200 mA, NC			INS-M08-N02NO-T3
	M12 x 50	2.0	f	pnp, 200 mA, NO	Brass nickel-plated	2 m	INS-M12-B02PS-2C
				pnp, 200 mA, NC			INS-M12-B02PO-2C
				npn, 200 mA, NO			INS-M12-B02NS-2C
				npn, 200 mA, NC			INS-M12-B02NO-2C
	M12 x 50	4.0	nf	pnp, 200 mA, NO	Brass nickel-plated	2 m	INS-M12-N04PS-2C
				pnp, 200 mA, NC			INS-M12-N04PO-2C
				npn, 200 mA, NO			INS-M12-N04NS-2C
				npn, 200 mA, NC			INS-M12-N04NO-2C

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INS-100 Standard, standard design							
	M12 x 68	2.0	f	pnp, 200 mA, NO	Brass nickel-plated	M12	INS-M12-B02PS-B3
				pnp, 200 mA, NC			INS-M12-B02PO-B3
				npn, 200 mA, NO			INS-M12-B02NS-B3
				npn, 200 mA, NC			INS-M12-B02NO-B3
	M12 x 68	4.0	nf	pnp, 200 mA, NO	Brass nickel-plated	M12	INS-M12-N04PS-B3
				pnp, 200 mA, NC			INS-M12-N04PO-B3
				npn, 200 mA, NO			INS-M12-N04NS-B3
				npn, 200 mA, NC			INS-M12-N04NO-B3
	M18 x 55	5.0	f	pnp, 200 mA, NO	Brass nickel-plated	2 m	INS-M18-B05PS-2C
				pnp, 200 mA, NC			INS-M18-B05PO-2C
				npn, 200 mA, NO			INS-M18-B05NS-2C
				npn, 200 mA, NC			INS-M18-B05NO-2C
	M18 x 55	8.0	nf	pnp, 200 mA, NO	Brass nickel-plated	2 m	INS-M18-N08PS-2C
				pnp, 200 mA, NC			INS-M18-N08PO-2C
				npn, 200 mA, NO			INS-M18-N08NS-2C
				npn, 200 mA, NC			INS-M18-N08NO-2C
	M18 x 79	5.0	f	pnp, 200 mA, NO	Brass nickel-plated	M12	INS-M18-B05PS-B3
				pnp, 200 mA, NC			INS-M18-B05PO-B3
				npn, 200 mA, NO			INS-M18-B05NS-B3
				npn, 200 mA, NC			INS-M18-B05NO-B3
	M18 x 79	8.0	nf	pnp, 200 mA, NO	Brass nickel-plated	M12	INS-M18-N08PS-B3
				pnp, 200 mA, NC			INS-M18-N08PO-B3
				npn, 200 mA, NO			INS-M18-N08NS-B3
				npn, 200 mA, NC			INS-M18-N08NO-B3

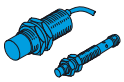
	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INS-100 Standard, standard design							
	M30 x 55	10.0	f	pnp, 200 mA, NO	Brass nickel-plated	2 m	INS-M30-B10PS-2C
				pnp, 200 mA, NC			INS-M30-B10PO-2C
				npn, 200 mA, NO			INS-M30-B10NS-2C
				npn, 200 mA, NC			INS-M30-B10NO-2C
	M30 x 55	15.0	nf	pnp, 200 mA, NO	Brass nickel-plated	2 m	INS-M30-N15PS-2C
				pnp, 200 mA, NC			INS-M30-N15PO-2C
				npn, 200 mA, NO			INS-M30-N15NS-2C
				npn, 200 mA, NC			INS-M30-N15NO-2C
	M30 x 78	10.0	f	pnp, 200 mA, NO	Brass nickel-plated	M12	INS-M30-B10PS-B3
				pnp, 200 mA, NC			INS-M30-B10PO-B3
				npn, 200 mA, NO			INS-M30-B10NS-B3
				npn, 200 mA, NC			INS-M30-B10NO-B3
	M30 x 78	15.0	nf	pnp, 200 mA, NO	Brass nickel-plated	M12	INS-M30-N15PS-B3
				pnp, 200 mA, NC			INS-M30-N15PO-B3
				npn, 200 mA, NO			INS-M30-N15NS-B3
				npn, 200 mA, NC			INS-M30-N15NO-B3
INS-100 Standard, small diameters							
	Ø 6.5x45	1.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	INSM-6D5-B01PS-2C
				pnp, 200 mA, NC			INSM-6D5-B01PO-2C
				npn, 200 mA, NO			INSM-6D5-B01NS-2C
				npn, 200 mA, NC			INSM-6D5-B01NO-2C
	Ø 6.5x60	1.0	f	pnp, 200 mA, NO	Stainless steel V2A	M8	INSM-6D5-B01PS-T3
				pnp, 200 mA, NC			INSM-6D5-B01PO-T3
				npn, 200 mA, NO			INSM-6D5-B01NS-T3
				npn, 200 mA, NC			INSM-6D5-B01NO-T3

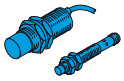
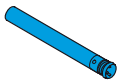
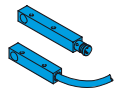
INS-200 STANDARD 2-SN

The INS-200 Standard 2-Sn series scores in industrial applications with its twofold switching distance and its excellent price-performance ratio. These proximity sensors are equipped with a dual switching distance and are available in the standard lengths of Ø 6.5 mm to M30 and rectangular-shaped in 8 x 8 mm. Both devices are available with a high-quality PVC cable and sensors with a M8 or M12 plug connection as connection variants.

CE

Technical data (typ.)	+20 °C, 24 V DC
Installation instructions	flush (f) / non-flush (nf) (see page 43)
For more information, visit	www.di-soric.com

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INS-200 Standard 2-Sn, standard design							
	M18 x 55	8.0	f	pnp, 200 mA, NC	Brass nickel-plated	2 m	INS-M18-B08PO-2C
				npn, 200 mA, NO			INS-M18-B08NS-2C
				npn, 200 mA, NC			INS-M18-B08NO-2C
	M18 x 55	16.0	nf	pnp, 200 mA, NO	Brass nickel-plated	2 m	INS-M18-N16PS-2C
				pnp, 200 mA, NC			INS-M18-N16PO-2C
				npn, 200 mA, NO			INS-M18-N16NS-2C
				npn, 200 mA, NC			INS-M18-N16NO-2C
	M18 x 79	8.0	f	pnp, 200 mA, NO	Brass nickel-plated	M12	INS-M18-B08PS-B3
				pnp, 200 mA, NC			INS-M18-B08PO-B3
				npn, 200 mA, NO			INS-M18-B08NS-B3
				npn, 200 mA, NC			INS-M18-B08NO-B3
	M18 x 79	16.0	nf	pnp, 200 mA, NO	Brass nickel-plated	M12	INS-M18-N16PS-B3
				pnp, 200 mA, NC			INS-M18-N16PO-B3
				npn, 200 mA, NO			INS-M18-N16NS-B3
				npn, 200 mA, NC			INS-M18-N16NO-B3
	M30 x 55	15.0	f	pnp, 200 mA, NO	Brass nickel-plated	2 m	INS-M30-B15PS-2C
				pnp, 200 mA, NC			INS-M30-B15PO-2C
				npn, 200 mA, NO			INS-M30-B15NS-2C
				npn, 200 mA, NC			INS-M30-B15NO-2C
	M30 x 55	25.0	nf	pnp, 200 mA, NO	Brass nickel-plated	2 m	INS-M30-N25PS-2C
				pnp, 200 mA, NC			INS-M30-N25PO-2C
				npn, 200 mA, NO			INS-M30-N25NS-2C
				npn, 200 mA, NC			INS-M30-N25NO-2C

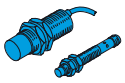
	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INS-200 Standard 2-Sn, standard design							
	M30 x 78	15.0	f	pnp, 200 mA, NO	Brass nickel-plated	M12	INS-M30-B15PS-B3
				pnp, 200 mA, NC			INS-M30-B15PO-B3
				npn, 200 mA, NO			INS-M30-B15NS-B3
				npn, 200 mA, NC			INS-M30-B15NO-B3
	M30 x 78	25.0	nf	pnp, 200 mA, NO	Brass nickel-plated	M12	INS-M30-N25PS-B3
				pnp, 200 mA, NC			INS-M30-N25PO-B3
				npn, 200 mA, NO			INS-M30-N25NS-B3
				npn, 200 mA, NC			INS-M30-N25NO-B3
INS-200 Standard 2-Sn, small diameters							
	Ø 6.5x45	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	INSM-6D5-B02PS-2C
				pnp, 200 mA, NC			INSM-6D5-B02PO-2C
				npn, 200 mA, NO			INSM-6D5-B02NS-2C
				npn, 200 mA, NC			INSM-6D5-B02NO-2C
	Ø 6.5x60	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	M8	INSM-6D5-B02PS-T3
				pnp, 200 mA, NC			INSM-6D5-B02PO-T3
				npn, 200 mA, NO			INSM-6D5-B02NS-T3
				npn, 200 mA, NC			INSM-6D5-B02NO-T3
INS-200 Standard 2-Sn, rectangular design							
	8 x 8 x 40	2.0	f	pnp, 200 mA, NO	Brass nickel-plated	2 m	INS-Q08-B02PS-2C
				pnp, 200 mA, NC			INS-Q08-B02PO-2C
				npn, 200 mA, NO			INS-Q08-B02NS-2C
				npn, 200 mA, NC			INS-Q08-B02NO-2C
	8 x 8 x 60	2.0	f	pnp, 200 mA, NO	Brass nickel-plated	M8	INS-Q08-B02PS-T3
				pnp, 200 mA, NC			INS-Q08-B02PO-T3
				npn, 200 mA, NO			INS-Q08-B02NS-T3
				npn, 200 mA, NC			INS-Q08-B02NO-T3

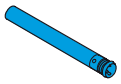
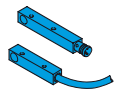
INM-100 MINIATURE

A large selection of efficient miniature sensors, especially for the smallest and narrowest of space, is offered by our INM-100 Miniature series. The sensors are available from Ø 3.0 mm to M5, as well as in rectangular form with 5 x 5 mm. These very compact designs distinguish themselves with a stable metal casing and highly flexible cable variants in PVC and PUR.

Technical data (typ.)	**+20 °C, 24 V DC**
Installation instructions	flush (f) / non-flush (nf) (see page 43)
For more information, visit	www.di-soric.com

CE

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INM-100 Miniature, standard design							
	M4 x 26	0.8	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	INSM-M04-B0.8PS-2C
				pnp, 200 mA, NC			INSM-M04-B0.8PO-2C
				npn, 200 mA, NO			INSM-M04-B0.8NS-2C
				npn, 200 mA, NC			INSM-M04-B0.8NO-2C
	M5 x 28	0.8	f	pnp, 200 mA, NC	Stainless steel V2A	2 m	INSM-M05-B0.8PO-2C
				npn, 200 mA, NC			INSM-M05-B0.8NO-2C
				pnp, 200 mA, NO			INSM-M05-B0.8PS-2C
				npn, 200 mA, NO			INSM-M05-B0.8NS-2C
	M5 x 40	0.8	f	pnp, 200 mA, NO	Stainless steel V2A	M8	INSM-M05-B0.8PS-T3
				pnp, 200 mA, NC			INSM-M05-B0.8PO-T3
				npn, 200 mA, NO			INSM-M05-B0.8NS-T3
				npn, 200 mA, NC			INSM-M05-B0.8NO-T3

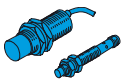
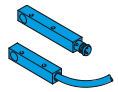
	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INM-100 Miniature, small diameters							
	Ø 3.0x26	0.6	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	INSM-D03-B0.6PS-2C
				pnp, 200 mA, NC			INSM-D03-B0.6PO-2C
				npn, 200 mA, NO			INSM-D03-B0.6NS-2C
				npn, 200 mA, NC			INSM-D03-B0.6NO-2C
	Ø 3.0x26	0.8	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	INSM-D04-B0.8PS-2C
				pnp, 200 mA, NC			INSM-D04-B0.8PO-2C
				npn, 200 mA, NO			INSM-D04-B0.8NS-2C
				npn, 200 mA, NC			INSM-D04-B0.8NO-2C
	Ø 4.0x40	0.8	f	pnp, 200 mA, NO	Stainless steel V2A	M8	INSM-D04-B0.8PS-T3
				pnp, 200 mA, NC			INSM-D04-B0.8PO-T3
				npn, 200 mA, NO			INSM-D04-B0.8NS-T3
				npn, 200 mA, NC			INSM-D04-B0.8NO-T3
INM-100 Miniature, rectangular design							
	5 x 5 x 26	0.8	f	pnp, 200 mA, NO	Brass nickel-plated	2 m	INSM-Q05-B0.8PS-2C
				pnp, 200 mA, NC			INSM-Q05-B0.8PO-2C
				npn, 200 mA, NO			INSM-Q05-B0.8NS-2C
				npn, 200 mA, NC			INSM-Q05-B0.8NO-2C

INM-300 MINIATURE EXTENDED

Ambitious miniature sensors with enormous power reserve and especially for the smallest and narrowest of spaces, can be found in our INM-300 Miniature Extended series. The sensors are available from Ø 3.0 mm to M5, as well as in rectangular form with 5 x 5 mm. Highly precise detection in applications with extended switching distance and a compact design, stable metal casing, as well as highly flexible PVC and PUR connection cables distinguish our INM-300 Miniature Extended series.

CE

Technical data (typ.)	+20 °C, 24 V DC
Installation instructions	flush (f) / non-flush (nf) (see page 43)
For more information, visit	www.di-soric.com

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INM-300 Miniature Extended, standard design							
	M5 x 28	1.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	INSM-M05-B01PS-2C
				pnp, 200 mA, NC			INSM-M05-B01PO-2C
				npn, 200 mA, NO			INSM-M05-B01NS-2C
				npn, 200 mA, NC			INSM-M05-B01NO-2C
	M5 x 40	1.0	f	pnp, 200 mA, NO	Stainless steel V2A	M8	INSM-M05-B01PS-T3
				pnp, 200 mA, NC			INSM-M05-B01PO-T3
				npn, 200 mA, NO			INSM-M05-B01NS-T3
				npn, 200 mA, NC			INSM-M05-B01NO-T3
INM-300 Miniature Extended, rectangular design							
	5 x 5 x 26	1	f	pnp, 200 mA, NO	Brass nickel-plated	2 m	INSM-Q05-B01PS-2C
				pnp, 200 mA, NC			INSM-Q05-B01PO-2C
				npn, 200 mA, NO			INSM-Q05-B01NS-2C
				npn, 200 mA, NC			INSM-Q05-B01NO-2C

INE EXTENDED

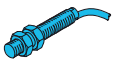
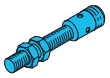
The sensors in the INE Extended series are robust sensors in all sizes up to M30, which offer more than just the standard. Thanks to their double and triple switching distances, they exhibit greater mounting tolerances. The INE sensors are available in normal and short designs. In addition to the common standard connections with plugs or PVC cables, PUR cables and cables with connector are also available.

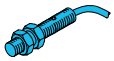
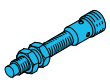
CE

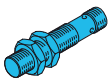
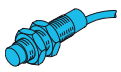
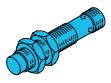
Technical data (typ.)	+20 °C, 24 V DC
Installation instructions	flush (f) / non-flush (nf) (see page 43)
For more information, visit	www.di-soric.com

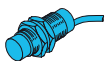
	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INE Extended, standard design							
	M8 x 35	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 08 M 02 PSLK
				pnp, 200 mA, NC			DCC 08 M 02 POLK
				npn, 200 mA, NO			DCC 08 M 02 NSLK
				npn, 200 mA, NC			DCC 08 M 02 NOLK
	M8 x 45	2.0	f	pnp, 200 mA, NO	Brass nickel plated	2 m	DCB 08 MB 02 PS-3
				npn, 200 mA, NO			DCB 08 MB 02 NS-3
	M8 x 36	2.0	f	pnp, 200 mA, NO	Brass nickel plated	M8	DCBK 08 MB 02 PS-3
				npn, 200 mA, NO			DCBK 08 MB 02 NS-3
	M8 x 16	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 08 M 02 PSLK/16
				pnp, 200 mA, NC			DCC 08 M 02 POLK/16
				npn, 200 mA, NO			DCC 08 M 02 NSLK/16
				npn, 200 mA, NC			DCC 08 M 02 NOLK/16
	M8 x 22	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 08 M 02 PSLK/22
				pnp, 200 mA, NC			DCC 08 M 02 POLK/22
				npn, 200 mA, NO			DCC 08 M 02 NSLK/22
				npn, 200 mA, NC			DCC 08 M 02 NOLK/22
	M8 x 30	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 08 M 02 PSLK/30
				pnp, 200 mA, NC			DCC 08 M 02 POLK/30
				npn, 200 mA, NO			DCC 08 M 02 NSLK/30
				npn, 200 mA, NC			DCC 08 M 02 NOLK/30
	M8 x 50	2.0	f	pnp, 200 mA, NO	Brass nickel plated	M8	DCB 08 MB 02 PS-T3
				npn, 200 mA, NO			DCB 08 MB 02 NS-T3

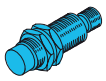
	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INE Extended, standard design							
	M8 x 35	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 08 M 02 PSLK
				pnp, 200 mA, NC			DCC 08 M 02 POLK
				npn, 200 mA, NO			DCC 08 M 02 NSLK
				npn, 200 mA, NC			DCC 08 M 02 NOLK
	M8 x 45	2.0	f	pnp, 200 mA, NO	Brass nickel plated	2 m	DCB 08 MB 02 PS-3
				npn, 200 mA, NO			DCB 08 MB 02 NS-3
	M8 x 36	2.0	f	pnp, 200 mA, NO	Brass nickel plated	M8	DCBK 08 MB 02 PS-3
				npn, 200 mA, NO			DCBK 08 MB 02 NS-3
	M8 x 16	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 08 M 02 PSLK/16
				pnp, 200 mA, NC			DCC 08 M 02 POLK/16
				npn, 200 mA, NO			DCC 08 M 02 NSLK/16
				npn, 200 mA, NC			DCC 08 M 02 NOLK/16
	M8 x 22	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 08 M 02 PSLK/22
				pnp, 200 mA, NC			DCC 08 M 02 POLK/22
				npn, 200 mA, NO			DCC 08 M 02 NSLK/22
				npn, 200 mA, NC			DCC 08 M 02 NOLK/22
	M8 x 30	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 08 M 02 PSLK/30
				pnp, 200 mA, NC			DCC 08 M 02 POLK/30
				npn, 200 mA, NO			DCC 08 M 02 NSLK/30
				npn, 200 mA, NC			DCC 08 M 02 NOLK/30
	M8 x 50	2.0	f	pnp, 200 mA, NO	Brass nickel plated	M8	DCB 08 MB 02 PS-T3
				npn, 200 mA, NO			DCB 08 MB 02 NS-T3

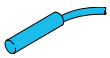
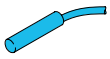
	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INE Extended, standard design							
	M8 x 40	2.0	f	pnp, 200 mA, NO	Brass nickel plated	M8	DCBK 08 MB 02 PS-T3
				npn, 200 mA, NO			DCBK 08 MB 02 NS-T3
	M8 x 45	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	M8	DCC 08 M 02 PSK-TSL
				pnp, 200 mA, NC			DCC 08 M 02 POK-TSL
				npn, 200 mA, NO			DCC 08 M 02 NSK-TSL
				npn, 200 mA, NC			DCC 08 M 02 NOK-TSL
	M8 x 29	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	M8	DCC 08 M 02 PSK-TSL/29
				pnp, 200 mA, NC			DCC 08 M 02 POK-TSL/29
				npn, 200 mA, NO			DCC 08 M 02 NSK-TSL/29
				npn, 200 mA, NC			DCC 08 M 02 NOK-TSL/29
	M8 x 32	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	M8	DCC 08 M 02 PSK-TSL/32
				pnp, 200 mA, NC			DCC 08 M 02 POK-TSL/32
				npn, 200 mA, NO			DCC 08 M 02 NSK-TSL/32
				npn, 200 mA, NC			DCC 08 M 02 NOK-TSL/32
	M8 x 40	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	M8	DCC 08 M 02 PSK-TSL/40
				pnp, 200 mA, NC			DCC 08 M 02 POK-TSL/40
				npn, 200 mA, NO			DCC 08 M 02 NSK-TSL/40
				npn, 200 mA, NC			DCC 08 M 02 NOK-TSL/40
	M8 x 46	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	M12	DCC 08 M 02 PSK-IBSL
				pnp, 200 mA, NC			DCC 08 M 02 POK-IBSL
				npn, 200 mA, NO			DCC 08 M 02 NSK-IBSL
				npn, 200 mA, NC			DCC 08 M 02 NOK-IBSL
	M8 x 48	3.0	f	pnp, 200 mA, NO	Brass nickel plated	2 m	DCC 08 M 03 PSLK
				pnp, 200 mA, NC			DCC 08 M 03 POLK
				npn, 200 mA, NO			DCC 08 M 03 NSLK
				npn, 200 mA, NC			DCC 08 M 03 NOLK
	M8 x 60	3.0	f	pnp, 200 mA, NO	Brass nickel plated	M8	DCC 08 M 03 PSK-TSL
				pnp, 200 mA, NC			DCC 08 M 03 POK-TSL
				npn, 200 mA, NO			DCC 08 M 03 NSK-TSL
				npn, 200 mA, NC			DCC 08 M 03 NOK-TSL
	M8 x 67	3.0	f	pnp, 200 mA, NO	Brass nickel plated	M12	DCC 08 M 03 PSK-IBSL
				pnp, 200 mA, NC			DCC 08 M 03 POK-IBSL
				npn, 200 mA, NO			DCC 08 M 03 NSK-IBSL
				npn, 200 mA, NC			DCC 08 M 03 NOK-IBSL

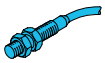
	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INE Extended, standard design							
	M8 x 45	4.0	nf	pnp, 200 mA, NO	Brass nickel plated	2 m	DCB 08 MN 04 PS-3
				pnp, 200 mA, NC			DCB 08 MN 04 NS-3
				npn, 200 mA, NO			DCBK 08 MN 04 PS-3
				npn, 200 mA, NC			DCBK 08 MN 04 NS-3
	M8 x 35	4.0	nf	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 08 V 04 NB PSLK
				pnp, 200 mA, NC			DCC 08 V 04 NB POLK
				npn, 200 mA, NO			DCC 08 V 04 NB NSLK
				npn, 200 mA, NC			DCC 08 V 04 NB NOLK
	M8 x 50	4.0	nf	pnp, 200 mA, NO	Brass nickel plated	M8	DCB 08 MN 04 PS-T3
				npn, 200 mA, NO			DCB 08 MN 04 NS-T3
	M8 x 40	4.0	nf	pnp, 200 mA, NO	Brass nickel plated	M8	DCBK 08 MN 04 PS-T3
				npn, 200 mA, NO			DCBK 08 MN 04 NS-T3
	M8 x 46	4.0	nf	pnp, 200 mA, NO	Stainless steel V2A	M8	DCC 08 V 04 NB PSK-TSL
				pnp, 200 mA, NC			DCC 08 V 04 NB POK-TSL
				npn, 200 mA, NO			DCC 08 V 04 NB NSK-TSL
				npn, 200 mA, NC			DCC 08 V 04 NB NOK-TSL
	M8 x 45	6.0	nf	pnp, 200 mA, NO	Brass nickel plated	2 m	DCC 08 M 06 PSLK
				pnp, 200 mA, NC			DCC 08 M 06 POLK
				npn, 200 mA, NO			DCC 08 M 06 NSLK
				npn, 200 mA, NC			DCC 08 M 06 NOLK
	M8 x 60	6.0	nf	pnp, 200 mA, NO	Brass nickel plated	M8	DCC 08 M 06 PSK-TSL
				pnp, 200 mA, NC			DCC 08 M 06 POK-TSL
				npn, 200 mA, NO			DCC 08 M 06 NSK-TSL
				npn, 200 mA, NC			DCC 08 M 06 NOK-TSL
	M8 x 66	6.0	nf	pnp, 200 mA, NO	Brass nickel plated	M12	DCC 08 M 06 PSK-IBSL
				pnp, 200 mA, NC			DCC 08 M 06 POK-IBSL
				npn, 200 mA, NO			DCC 08 M 06 NSK-IBSL
				npn, 200 mA, NC			DCC 08 M 06 NOK-IBSL

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INE Extended, standard design							
	M12 x 50	4.0	f	pnp, 200 mA, NO	Brass nickel plated	2 m	DCC 12 M 04 B PSLK
				pnp, 200 mA, NC			DCC 12 M 04 B POLK
				npn, 200 mA, NO			DCC 12 M 04 B NSLK
	M12 x 35	4.0	f	pnp, 200 mA, NO	Brass nickel plated	2 m	DCCK 12 M 04 B PSLK
				pnp, 200 mA, NC			DCCK 12 M 04 B POLK
				npn, 200 mA, NO			DCCK 12 M 04 B NOLK
				npn, 200 mA, NC			DCCK 12 M 04 B NSLK
	M12 x 65	4.0	f	pnp, 200 mA, NO	Brass nickel plated	M12	DCB 12 MB 04 PS-B3
				npn, 200 mA, NO			DCB 12 MB 04 NS-B3
	M12 x 53	4.0	f	pnp, 200 mA, NO	Brass nickel plated	M12	DCBK 12 MB 04 PS-B3
				pnp, 200 mA, NC			DCBK 12 MB 04 PO-B3
	M12 x 60	4.0	f	pnp, 200 mA, NO	Brass nickel plated	M12	DCC 12 M 04 B POK-IBSL
				npn, 200 mA, NO			DCC 12 M 04 B NSK-IBSL
				npn, 200 mA, NO			DCC 12 M 04 B NOK-IBSL
	M12 x 45	4.0	f	pnp, 200 mA, NO	Brass nickel plated	M12	DCCK 12 M 04 B PSK-IBSL
				pnp, 200 mA, NC			DCCK 12 M 04 B POK-IBSL
				npn, 200 mA, NO			DCCK 12 M 04 B NSK-IBSL
	M12 x 50	8.0	nf	pnp, 200 mA, NO	Brass nickel plated	2 m	DCB 12 MN 08 PS-3
				npn, 200 mA, NO			DCB 12 MN 08 NS-3
	M12 x 40	8.0	nf	pnp, 200 mA, NO	Brass nickel plated	2 m	DCBK 12 MN 08 PS-3
				npn, 200 mA, NO			DCBK 12 MN 08 NS-3
	M12 x 65	8.0	nf	pnp, 200 mA, NO	Brass nickel plated	M12	DCB 12 MN 08 PS-B3
				npn, 200 mA, NO			DCB 12 MN 08 NS-B3

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INE Extended, standard design							
	M12 x 53	8.0	nf	pnp, 200 mA, NO	Brass nickel plated	M12	DCBK 12 MN 08 PS-B3
				npn, 200 mA, NO			DCBK 12 MN 08 NS-B3
	M12 x 50	10.0	nf	pnp, 200 mA, NO	Brass nickel plated	2 m	DCC 12 M 10 PSLK
				pnp, 200 mA, NC			DCC 12 M 10 POLK
				npn, 200 mA, NO			DCC 12 M 10 NSLK
				npn, 200 mA, NC			DCC 12 M 10 NOLK
	M12 x 35	10.0	nf	pnp, 200 mA, NO	Brass nickel plated	2 m	DCCK 12 M 10 PSLK
				pnp, 200 mA, NC			DCCK 12 M 10 POLK
				npn, 200 mA, NO			DCCK 12 M 10 NSLK
				npn, 200 mA, NC			DCCK 12 M 10 NOLK
	M12 x 60	10.0	nf	pnp, 200 mA, NO	Brass nickel plated	M12	DCC 12 M 10 PSK-IBSL
				pnp, 200 mA, NC			DCC 12 M 10 POK-IBSL
				npn, 200 mA, NO			DCC 12 M 10 NSK-IBSL
				npn, 200 mA, NC			DCC 12 M 10 NOK-IBSL
	M12 x 45	10.0	nf	pnp, 200 mA, NO	Brass nickel plated	M12	DCCK 12 M 10 PSK-IBSL
				pnp, 200 mA, NC			DCCK 12 M 10 POK-IBSL
				npn, 200 mA, NO			DCCK 12 M 10 NSK-IBSL
				npn, 200 mA, NC			DCCK 12 M 10 NOK-IBSL
	M18 x 50	8.0	f	pnp, 400 mA, NO	Brass nickel plated	2 m	DCB 18 MB 08 PS-3
				npn, 400 mA, NO			DCB 18 MB 08 NS-3
	M18 x 64	8.0	f	pnp, 400 mA, NO	Brass nickel plated	M12	DCB 18 MB 08 PS-B3
				npn, 400 mA, NO			DCB 18 MB 08 NS-B3
	M18 x 50	12.0	nf	pnp, 400 mA, NO	Brass nickel plated	2 m	DCB 18 MN 12 PS-3
				npn, 400 mA, NO			DCB 18 MN 12 NS-3
	M18 x 50	20.0	nf	pnp, 200 mA, NO	Brass nickel plated	2 m	DCC 18 M 20 PSLK
				pnp, 200 mA, NC			DCC 18 M 20 POLK
				npn, 200 mA, NO			DCC 18 M 20 NSLK
				npn, 200 mA, NC			DCC 18 M 20 NOLK

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INE Extended, standard design							
	M18 x 35	20.0	nf	pnp, 200 mA, NO	Brass nickel plated	2 m	DCCK 18 M 20 PSLK
				pnp, 200 mA, NC			DCCK 18 M 20 POLK
				npn, 200 mA, NO			DCCK 18 M 20 NSLK
				npn, 200 mA, NC			DCCK 18 M 20 NOLK
	M18 x 64	20.0	nf	pnp, 200 mA, NO	Brass nickel plated	M12	DCC 18 M 20 PSK-IBSL
				pnp, 200 mA, NC			DCC 18 M 20 POK-IBSL
				npn, 200 mA, NO			DCC 18 M 20 NSK-IBSL
				npn, 200 mA, NC			DCC 18 M 20 NOK-IBSL
	M18 x 49	20.0	nf	pnp, 200 mA, NO	Brass nickel plated	M12	DCCK 18 M 20 PSK-IBSL
				pnp, 200 mA, NC			DCCK 18 M 20 POK-IBSL
				npn, 200 mA, NO			DCCK 18 M 20 NSK-IBSL
				npn, 200 mA, NC			DCCK 18 M 20 NOK-IBSL
	M30 x 64	12.0	nf	pnp, 400 mA, NO	Brass nickel plated	M12	DCB 18 MN 12 PS-B3
				npn, 400 mA, NO			DCB 18 MN 12 NS-B3
	M30 x 60	15.0	f	pnp, 400 mA, NO	Brass nickel plated	2 m	DCB 30 MB 15 PS-3
				npn, 400 mA, NO			DCB 30 MB 15 NS-3
	M30 x 76	15.0	f	pnp, 400 mA, NO	Brass nickel plated	M12	DCB 30 MB 15 PS-B3
				npn, 400 mA, NO			DCB 30 MB 15 NS-B3
	M30 x 60	20.0	nf	pnp, 400 mA, NO	Brass nickel plated	2 m	DCB 30 MN 20 PS-3
				npn, 400 mA, NO			DCB 30 MN 20 NS-3
				npn, 400 mA, NC			DCB 30 MN 20 NO-3
	M30 x 76	20.0	nf	pnp, 400 mA, NO	Brass nickel plated	M12	DCB 30 MN 20 PS-B3
				npn, 400 mA, NO			DCB 30 MN 20 NS-B3

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INE Extended, small diameters							
	Ø3.0x22	0.6	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 3.0 V 0.6 PSLK
				pnp, 200 mA, NC			DCC 3.0 V 0.6 POLK
				npn, 200 mA, NO			DCC 3.0 V 0.6 NSLK
				npn, 200 mA, NC			DCC 3.0 V 0.6 NOLK
	Ø 6.5x22	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 6.5 V 02 PSLK/22
				pnp, 200 mA, NC			DCC 6.5 V 02 POLK/22
				npn, 200 mA, NC			DCC 6.5 V 02 NOLK/22
	Ø 6.5x29	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	M8	DCC 6.5 V 02 PSK-TSL/29
				pnp, 200 mA, NC			DCC 6.5 V 02 POK-TSL/29
				npn, 200 mA, NO			DCC 6.5 V 02 NSK-TSL/29
				npn, 200 mA, NC			DCC 6.5 V 02 NOK-TSL/29
	Ø 6.5x30	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 6.5 V 02 PSLK/30
				pnp, 200 mA, NC			DCC 6.5 V 02 POLK/30
				npn, 200 mA, NO			DCC 6.5 V 02 NSLK/30
				npn, 200 mA, NC			DCC 6.5 V 02 NOLK/30
	Ø 6.5x35	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 6.5 V 02 PSLK
				pnp, 200 mA, NC			DCC 6.5 V 02 POLK
				npn, 200 mA, NO			DCC 6.5 V 02 NSLK
				npn, 200 mA, NC			DCC 6.5 V 02 NOLK
	Ø 6.5x45	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	M8	DCC 6.5 V 02 PSK-TSL
				pnp, 200 mA, NC			DCC 6.5 V 02 POK-TSL
				npn, 200 mA, NO			DCC 6.5 V 02 NSK-TSL
				npn, 200 mA, NC			DCC 6.5 V 02 NOK-TSL
	Ø 6.5x40	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	M8	DCC 6.5 V 02 PSK-TSL/40
				pnp, 200 mA, NC			DCC 6.5 V 02 POK-TSL/40
				npn, 200 mA, NO			DCC 6.5 V 02 NOK-TSL/40
	Ø 6.5x17	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCCK 6.5 V 02 PSLK
				pnp, 200 mA, NC			DCCK 6.5 V 02 POLK
				npn, 200 mA, NO			DCCK 6.5 V 02 NSLK
				npn, 200 mA, NC			DCCK 6.5 V 02 NOLK

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INE Extended, small diameters							
	M4 x 22	0.6	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 04 M 0.6 PSLK
				pnp, 200 mA, NC			DCC 04 M 0.6 POLK
				npn, 200 mA, NO			DCC 04 M 0.6 NSLK
				npn, 200 mA, NC			DCC 04 M 0.6 NOLK
	M4 x 22	0.6	f	pnp, 200 mA, NO	Stainless steel V2A	0.2 m/M8	DCC 04 M 0.6 PSK-K-TSL
				pnp, 200 mA, NC			DCC 04 M 0.6 POK-K-TSL
				npn, 200 mA, NO			DCC 04 M 0.6 NSK-K-TSL
				npn, 200 mA, NC			DCC 04 M 0.6 NOK-K-TSL
	M4 x 22	1.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 04 V 1.0 PSLK
				pnp, 200 mA, NC			DCC 04 V 1.0 POLK
				npn, 200 mA, NO			DCC 04 V 1.0 NSLK
				npn, 200 mA, NC			DCC 04 V 1.0 NOLK
	M4 x 22	1.0	f	pnp, 200 mA, NO	Stainless steel V2A	0.2 m/M8	DCC 04 V 1.0 PSK-K-TSL
				pnp, 200 mA, NC			DCC 04 V 1.0 POK-K-TSL
				npn, 200 mA, NO			DCC 04 V 1.0 NSK-K-TSL
				npn, 200 mA, NC			DCC 04 V 1.0 NOK-K-TSL
	M5 x 25	1.5	f	pnp, 100 mA, NO	Stainless steel V2A	2 m	DCC 05 V 1.5 PSLK
				pnp, 100 mA, NC			DCC 05 V 1.5 POLK
				npn, 100 mA, NO			DCC 05 V 1.5 NSLK
				npn, 100 mA, NC			DCC 05 V 1.5 NOLK
	M5 x 38	1.5	f	pnp, 100 mA, NO	Stainless steel V2A	M8	DCC 05 V 1.5 PSK-TSL
				pnp, 100 mA, NC			DCC 05 V 1.5 POK-TSL
				npn, 100 mA, NO			DCC 05 V 1.5 NSK-TSL
				npn, 100 mA, NC			DCC 05 V 1.5 NOK-TSL
	Ø3.0 x 22	0.6	f	pnp, 200 mA, NO	Stainless steel V2A	0.2 m/M8	DCC 3.0 V 0.6 PSK-K-TSL
				pnp, 200 mA, NC			DCC 3.0 V 0.6 POK-K-TSL
				npn, 200 mA, NO			DCC 3.0 V 0.6 NSK-K-TSL
				npn, 200 mA, NC			DCC 3.0 V 0.6 NOK-K-TSL
	Ø3.0 x 22	1.0	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 3.0 V 1.0 PSLK
				pnp, 200 mA, NC			DCC 3.0 V 1.0 POLK
				npn, 200 mA, NO			DCC 3.0 V 1.0 NSLK
				npn, 200 mA, NC			DCC 3.0 V 1.0 NOLK

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INE Extended, small diameters							
	Ø3.0x22	1.0	f	pnp, 200 mA, NO	Stainless steel V2A	0.15m/M8	DCC 3.0 V 1.0 PSK-K-TSL
				pnp, 200 mA, NC			DCC 3.0 V 1.0 POK-K-TSL
				npn, 200 mA, NO			DCC 3.0 V 1.0 NSK-K-TSL
				npn, 200 mA, NC			DCC 3.0 V 1.0 NOK-K-TSL
	Ø4.0x25	0.8	f	pnp, 100 mA, NO	Stainless steel V2A	0.2m/M8	DCC 4.0 V 0.8 PSK-KR-TSL
				pnp, 100 mA, NC			DCC 4.0 V 0.8 POK-KR-TSL
				npn, 100 mA, NO			DCC 4.0 V 0.8 NSK-KR-TSL
				npn, 100 mA, NC			DCC 4.0 V 0.8 NOK-KR-TSL
	Ø4.0x25	1.5	f	pnp, 100 mA, NO	Stainless steel V2A	2m	DCC 4.0 V 1.5 PSLK
				pnp, 100 mA, NC			DCC 4.0 V 1.5 POLK
				npn, 100 mA, NO			DCC 4.0 V 1.5 NSLK
				npn, 100 mA, NC			DCC 4.0 V 1.5 NOLK
	Ø4.0x38	1.5	f	pnp, 100 mA, NO	Stainless steel V2A	M8	DCC 4.0 V 1.5 PSK-TSL
				pnp, 100 mA, NC			DCC 4.0 V 1.5 POK-TSL
				npn, 100 mA, NO			DCC 4.0 V 1.5 NSK-TSL
				npn, 100 mA, NC			DCC 4.0 V 1.5 NOK-TSL
	Ø 6.5x17	1.5	f	pnp, 200 mA, NO	Stainless steel V2A	2m	DCCKR 6.5 V 1.5 PSLK
				pnp, 200 mA, NC			DCCKR 6.5 V 1.5 POLK
				npn, 200 mA, NO			DCCKR 6.5 V 1.5 NSLK
				npn, 200 mA, NC			DCCKR 6.5 V 1.5 NOLK
	Ø 6.5x17	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	2m	DCCKR 6.5 V 02 POLK
				pnp, 200 mA, NC			DCCKR 6.5 V 02 PSLK
				npn, 200 mA, NO			DCCKR 6.5 V 02 NOLK
				npn, 200 mA, NC			DCCKR 6.5 V 02 NSLK
INE Extended, rectangular design							
	5 x 5 x 25	0.8	f	pnp, 200 mA, NO	Brass nickel plated	0.2m/M8	DCCQ 05 M 0.8 PSK-K-TSL
				pnp, 200 mA, NC			DCCQ 05 M 0.8 POK-K-TSL
				npn, 200 mA, NO			DCCQ 05 M 0.8 NSK-K-TSL
				npn, 200 mA, NC			DCCQ 05 M 0.8 NOK-K-TSL
	5 x 5 x 25	1.5	f	pnp, 200 mA, NO	Brass nickel plated	2m	DCCQ 05 M 1.5 PSLK
				pnp, 200 mA, NC			DCCQ 05 M 1.5 POLK
				npn, 200 mA, NO			DCCQ 05 M 1.5 NSLK
				npn, 200 mA, NC			DCCQ 05 M 1.5 NOLK
	5 x 5 x 25	1.5	f	pnp, 200 mA, NO	Brass nickel plated	0.2m/M8	DCCQ 05 M 1.5 PSK-K-TSL
				pnp, 200 mA, NC			DCCQ 05 M 1.5 POK-K-TSL
				npn, 200 mA, NO			DCCQ 05 M 1.5 NSK-K-TSL
				npn, 200 mA, NC			DCCQ 05 M 1.5 NOK-K-TSL

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INE Extended, rectangular design							
	5 x 5 x 25	0.8	f	pnp, 200 mA, NO	Brass nickel plated	0.2 m/M8	DCCQ 05 M 0.8 PSK-K-TSL
				pnp, 200 mA, NC			DCCQ 05 M 0.8 POK-K-TSL
				npn, 200 mA, NO			DCCQ 05 M 0.8 NSK-K-TSL
				npn, 200 mA, NC			DCCQ 05 M 0.8 NOK-K-TSL
	5 x 5 x 25	1.5	f	pnp, 200 mA, NO	Brass nickel plated	2 m	DCCQ 05 M 1.5 PSLK
				pnp, 200 mA, NC			DCCQ 05 M 1.5 POLK
				npn, 200 mA, NO			DCCQ 05 M 1.5 NSLK
				npn, 200 mA, NC			DCCQ 05 M 1.5 NOLK
	28x16x10	2.0	f	pnp, 200 mA, NO	Plastic PBT	M8	DCR 30 K 02 PSK-TSL
				pnp, 200 mA, NC			DCR 30 K 02 POK-TSL
				npn, 200 mA, NO			DCR 30 K 02 NSK-TSL
	28x16x10	2.0	f	pnp, 200 mA, NO	Plastic PBT	2 m	DCR 30 K 02 PSLK
				pnp, 200 mA, NC			DCR 30 K 02 POLK
				npn, 200 mA, NO			DCR 30 K 02 NSLK
				npn, 200 mA, NC			DCR 30 K 02 NOLK
	40x26x12	2.0	f	pnp, 200 mA, NO	Plastic PBT	M8	DCR 40 K 02 PSK-TSL
				pnp, 200 mA, NC			DCR 40 K 02 POK-TSL
				npn, 200 mA, NO			DCR 40 K 02 NSK-TSL
	40x26x12	2.0	f	pnp, 200 mA, NO	Plastic PBT	2 m	DCR 40 K 02 PSLK
				pnp, 200 mA, NC			DCR 40 K 02 POLK
				npn, 200 mA, NO			DCR 40 K 02 NSLK
	40x26x12	4.0	nf	pnp, 200 mA, NO	Plastic PBT	M8	DCR 40 K 04 PSK-TSL
				pnp, 200 mA, NO			DCR 40 K 04 V PSK-TSL
				pnp, 200 mA, NC			DCR 40 K 04 POK-TSL
				npn, 200 mA, NO			DCR 40 K 04 NSK-TSL
				npn, 200 mA, NC			DCR 40 K 04 NOK-TSL
	40x26x12	4.0	nf	pnp, 200 mA, NO	Plastic PBT	2 m	DCR 40 K 04 PSLK
				pnp, 200 mA, NO			DCR 40 K 04 V PSLK
				pnp, 200 mA, NC			DCR 40 K 04 POLK
	40 x 40 x 118	20.0	f	pnp, 200 mA, NO	Polyamide	Clamps	DCCR 40 K 20 PSOL-KL
	40 x 40 x 67	20.0	f	pnp, 200 mA, NO	Polyamide	M12	DCCR 44 K 20 PSOL-IBS
	40 x 40 x 118	40.0	nf	pnp, 200 mA, antivalent	Polyamide	Clamps	DCCR 40 K 40 PSOL-KL

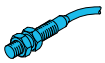
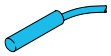
INC ADVANCED

The sensors in our INC Advanced series guarantee precise, process-reliable object detection at a maximum of 4x distance. With these sensors, switching distances of 8 mm (with M12 flush design) up to 40 mm (with M30, flush design) can be implemented for ambitious applications.

Technical data (typ.)	**+20 °C, 24 V DC**
Installation instructions	flush (f) / non-flush (nf) (see page 43)
For more information, visit	www.di-soric.com

CE

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INC Advanced, standard design							
	M30 x 60	40.0	nf	pnp, 200 mA, NO	Brass nickel plated	2 m	DCC 30 M 40 PSLK
				pnp, 200 mA, NC			DCC 30 M 40 POLK
				npn, 200 mA, NO			DCC 30 M 40 NSLK
				npn, 200 mA, NC			DCC 30 M 40 NOLK
	M30 x 35	40.0	nf	pnp, 200 mA, NO	Brass nickel plated	2 m	DCCK 30 M 40 PSLK
				pnp, 200 mA, NC			DCCK 30 M 40 POLK
				npn, 200 mA, NO			DCCK 30 M 40 NSLK
				npn, 200 mA, NC			DCCK 30 M 40 NOLK
	M30 x 74	40.0	nf	pnp, 200 mA, NO	Brass nickel plated	M12	DCC 30 M 40 PSK-IBSL
				pnp, 200 mA, NC			DCC 30 M 40 POK-IBSL
				npn, 200 mA, NO			DCC 30 M 40 NSK-IBSL
				npn, 200 mA, NC			DCC 30 M 40 NOK-IBSL
	M30 x 49	40.0	nf	pnp, 200 mA, NO	Brass nickel plated	M12	DCCK 30 M 40 PSK-IBSL
				pnp, 200 mA, NC			DCCK 30 M 40 POK-IBSL
				npn, 200 mA, NO			DCCK 30 M 40 NSK-IBSL
				npn, 200 mA, NC			DCCK 30 M 40 NOK-IBSL

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Cable length, plug connector	Product description
INC Advanced, small diameters							
	Ø4.0x25	2.5	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 4.0 V 2.5 PSLK
				pnp, 200 mA, NC			DCC 4.0 V 2.5 POLK
				npn, 200 mA, NO			DCC 4.0 V 2.5 NSLK
				npn, 200 mA, NC			DCC 4.0 V 2.5 NOLK
	Ø4.0x38	2.5	f	pnp, 200 mA, NO	Stainless steel V2A	M8	DCC 4.0 V 2.5 PSK-TSL
				pnp, 200 mA, NC			DCC 4.0 V 2.5 POK-TSL
				npn, 200 mA, NO			DCC 4.0 V 2.5 NSK-TSL
				npn, 200 mA, NC			DCC 4.0 V 2.5 NOK-TSL
	M5 x 25	2.5	f	pnp, 200 mA, NO	Stainless steel V2A	2 m	DCC 05 V 2.5 PSLK
				pnp, 200 mA, NC			DCC 05 V 2.5 POLK
				npn, 200 mA, NO			DCC 05 V 2.5 NSLK
	M5 x 38	2.5	f	pnp, 200 mA, NO	Stainless steel V2A	M8	DCC 05 V 2.5 PSK-TSL
				pnp, 200 mA, NC			DCC 05 V 2.5 POK-TSL
				npn, 200 mA, NO			DCC 05 V 2.5 NSK-TSL
				npn, 200 mA, NC			DCC 05 V 2.5 NOK-TSL
	Ø 6.5x48	3.0	f	pnp, 200 mA, NO	Brass nickel plated	2 m	DCC 6.5 M 03 PSLK
				pnp, 200 mA, NC			DCC 6.5 M 03 POLK
				npn, 200 mA, NO			DCC 6.5 M 03 NSLK
				npn, 200 mA, NC			DCC 6.5 M 03 NOLK
	Ø 6.5x60	3.0	f	pnp, 200 mA, NO	Brass nickel plated	M8	DCC 6.5 M 03 PSK-TSL
				pnp, 200 mA, NC			DCC 6.5 M 03 POK-TSL
				npn, 200 mA, NO			DCC 6.5 M 03 NSK-TSL
				npn, 200 mA, NC			DCC 6.5 M 03 NOK-TSL

INW FULL METAL EXTENDED

These sensors are robust, fully metallic sensors for challenging applications. They are a secure choice for solutions that pose increased risk of mechanical contact with the detected objects and metallic parts. INW sensors have double and triple switching distances and can be connected with PUR cables or plugs.

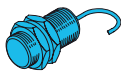
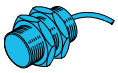
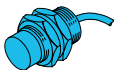
Technical data (typ.)	+20 °C, 24 V DC
Installation instructions	flush (f) / non-flush (nf) (see page 43)
For more information, visit	www.di-soric.com

CE

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Protection type	Cable length, plug connector	Product description
INW Full metal extended, standard design								
	M8 x 45	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	IP 68	2 m	D7B 08 VB 02 PS-3
				npn, 200 mA, NO				D7B 08 VB 02 NS-3
	M8 x 60	2.0	f	pnp, 200 mA, NO	Stainless steel V2A	IP 68	M8	D7B 08 VB 02 PS-T3
				npn, 200 mA, NO				D7B 08 VB 02 NS-T3
	M8 x 45	3.0	f	pnp, 200 mA, NO	Stainless steel V2A	IP 68 IP69K	2 m	D7C 08 V 03 PSLK
				pnp, 200 mA, NO				D7C 08 V 03 NSLK
	M8 x 60	3.0	f	pnp, 200 mA, NO	Stainless steel V2A	IP 67	M8	D7C 08 V 03 PSK-TSL
				pnp, 200 mA, NO				D7C 08 V 03 NSK-TSL
	M8 x 66	3.0	f	pnp, 200 mA, NO	Stainless steel V2A	IP 67	M12	D7C 08 V 03 PSK-IBSL
				pnp, 200 mA, NC				D7C 08 V 03 POK-IBSL
				npn, 200 mA, NO				D7C 08 V 03 NSK-IBSL
				npn, 200 mA, NC				D7C 08 V 03 NOK-IBSL
	M8 x 45	6.0	nf	pnp, 200 mA, NO	Stainless steel V2A	IP 68	2 m	D7C 08 V 06 PSLK
				npn, 200 mA, NO				D7C 08 V 06 NSLK
	M8 x 45	6.0	nf	pnp, 200 mA, NO	Stainless steel V2A	IP 67	M8	D7C 08 V 06 PSK-TSL
				pnp, 200 mA, NC				D7C 08 V 06 POK-TSL
	M8 x 66	6.0	nf	pnp, 200 mA, NO	Stainless steel V2A	IP 67	M12	D7C 08 V 06 PSK-IBSL
				pnp, 200 mA, NC				D7C 08 V 06 POK-IBSL
				npn, 200 mA, NO				D7C 08 V 06 NSK-IBSL
				npn, 200 mA, NC				D7C 08 V 06 NOK-IBSL

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Protection type	Cable length, plug connector	Product description
INW Full metal extended, standard design								
	M12 x 50	3.0	f	pnp, 200 mA, NO	Stainless steel V2A	IP 68 IP 69K	2 m	D7B 12 VB 03 PS-3
				npn, 200 mA, NO				D7B 12 VB 03 NS-3
	M12 x 60	3.0	f	pnp, 200 mA, NO	Stainless steel V2A	IP 68 IP 69K	M12	D7B 12 VB 03 PS-B3
				npn, 200 mA, NO				D7B 12 VB 03 NS-B3
	M12 x 50	6.0	f	pnp, 200 mA, NO	Stainless steel V2A	IP 69K	2 m	D7C 12 V 06 PSLK
				pnp, 200 mA, NC				D7C 12 V 06 POLK
				npn, 200 mA, NO				D7C 12 V 06 NSLK
				npn, 200 mA, NC				D7C 12 V 06 NOLK
	M12 x 60	6.0	f	pnp, 200 mA, NO	Stainless steel V2A	IP 68	M12	D7C 12 V 06 PSK-IBSL
				pnp, 200 mA, NC				D7C 12 V 06 POK-IBSL
				npn, 200 mA, NO				D7C 12 V 06 NSK-IBSL
				npn, 200 mA, NC				D7C 12 V 06 NOK-IBSL
	M12 x 50	10.0	nf	pnp, 200 mA, NO	Stainless steel V2A	IP 69K	2 m	D7C 12 V 10 PSLK
				pnp, 200 mA, NC				D7C 12 V 10 POLK
				npn, 200 mA, NO				D7C 12 V 10 NSLK
				npn, 200 mA, NC				D7C 12 V 10 NOLK
	M12 x 60	10.0	nf	pnp, 200 mA, NO	Stainless steel V2A	IP 68	M12	D7C 12 V 10 PSK-IBSL
				pnp, 200 mA, NC				D7C 12 V 10 POK-IBSL
				npn, 200 mA, NO				D7C 12 V 10 NSK-IBSL
				npn, 200 mA, NC				D7C 12 V 10 NOK-IBSL

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Protection type	Cable length, plug connector	Product description
INW Full metal extended, standard design								
	M18 x 51	5.0	f	pnp, 200 mA, NO	Stainless steel V2A	IP 68 IP 69K	2 m	D7B 18 VB 05 PS-3
				npn, 200 mA, NO				D7B 18 VB 05 NS-3
	M18 x 64	5.0	f	pnp, 200 mA, NO	Stainless steel V2A	IP 68 IP 69K	2 m	D7B 18 VB 05 PS-B3
				npn, 200 mA, NO				D7B 18 VB 05 NS-B3
	M18 x 50	8.0	nf	pnp, 200 mA, NO	Stainless steel V2A	IP 69K	2 m	D7C 18 V 08 PSLK
				npn, 200 mA, NO				D7C 18 V 08 NSLK
	M18 x 64	8.0	nf	pnp, 200 mA, NO	Stainless steel V2A	IP 68	M12	D7C 18 V 08 PSK-IBSL
				npn, 200 mA, NO				D7C 18 V 08 NSK-IBSL
	M18 x 50	10.0	f	pnp, 200 mA, NO	Stainless steel V2A	IP 69K	2 m	D7C 18 V 10 PSLK
				pnp, 200 mA, NC				D7C 18 V 10 POLK
				npn, 200 mA, NO				D7C 18 V 10 NSLK
				npn, 200 mA, NC				D7C 18 V 10 NOLK
	M18 x 64	10.0	f	pnp, 200 mA, NO	Stainless steel V2A	IP 68	M12	D7C 18 V 10 PSK-IBSL
				pnp, 200 mA, NC				D7C 18 V 10 POK-IBSL
				npn, 200 mA, NO				D7C 18 V 10 NOK-IBSL
				npn, 200 mA, NC				D7C 18 V 10 NSK-IBSL
	M18 x 50	20.0	nf	pnp, 200 mA, NO	Stainless steel V2A	IP 69K	2 m	D7C 18 V 20 PSLK
				pnp, 200 mA, NC				D7C 18 V 20 POLK
				npn, 200 mA, NO				D7C 18 V 20 NSLK
				npn, 200 mA, NC				D7C 18 V 20 NOLK
	M18 x 64	20.0	nf	pnp, 200 mA, NO	Stainless steel V2A	IP 68	M12	D7C 18 V 20 PSK-IBSL
				pnp, 200 mA, NC				D7C 18 V 20 POK-IBSL
				npn, 200 mA, NO				D7C 18 V 20 NSK-IBSL
				npn, 200 mA, NC				D7C 18 V 20 NOK-IBSL

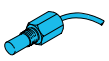
	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Protection type	Cable length, plug connector	Product description
INW Full metal extended, standard design								
	M30 x 50	10.0	f	pnp, 200 mA, NO	Stainless steel V2A	IP 68 IP 69K	2 m	D7B 30 VB 10 PS-3
				pnp, 200 mA, NC				D7B 30 VB 10 NS-3
	M30 x 65	10.0	f	pnp, 200 mA, NO	Stainless steel V2A	IP 68 IP 69K	M12	D7B 30 VB 10 PS-B3
				pnp, 200 mA, NC				D7B 30 VB 10 NS-B3
	M30 x 50	20.0	f	pnp, 200 mA, NO	Stainless steel V2A	IP 69K	2 m	D7C 30 V 20 PSLK
				pnp, 200 mA, NC				D7C 30 V 20 POLK
	M30 x 64	20.0	f	pnp, 200 mA, NO	Stainless steel V2A	IP 68	M12	D7C 30 V 20 PSK-IBSL
				pnp, 200 mA, NC				D7C 30 V 20 POK-IBSL
				npn, 200 mA, NO				D7C 30 V 20 NSK-IBSL
				npn, 200 mA, NC				D7C 30 V 20 NOK-IBSL
	M30 x 50	40.0	nf	pnp, 200 mA, NO	Stainless steel V2A	IP 69K	2 m	D7C 30 V 40 PSLK
				pnp, 200 mA, NC				D7C 30 V 40 POLK
				npn, 200 mA, NO				D7C 30 V 40 NSLK
				npn, 200 mA, NC				D7C 30 V 40 NOLK
	M30 x 64	40.0	nf	pnp, 200 mA, NO	Stainless steel V2A	IP 68	M12	D7C 30 V 40 PSK-IBSL
				pnp, 200 mA, NC				D7C 30 V 40 POK-IBSL
				npn, 200 mA, NO				D7C 30 V 40 NSK-IBSL
				npn, 200 mA, NC				D7C 30 V 40 NOK-IBSL

INP HIGH-PRESSURE RESISTANT

Our high-pressure resistant sensors can handle the pressure. They withstand a process pressure up to 500 bar and are available with a stainless steel housing in sizes M12, M14 and M18. They are optimal and safe for position monitoring in hydraulic systems or monitoring of valve positions under high pressure.

Technical data (typ.)	**+20 °C, 24 V DC**
Pressure resistance	up to 500 bar
Installation instructions	flush (f) / non-flush (nf) (see page 43)
For more information, visit	www.di-soric.com

CE

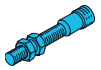
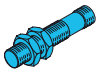
	Housing design Size (mm)	Switching distance (mm)	Switching output	Housing material	Protection type	Cable length, plug connector	Product description
INP High-pressure resistant, standard design							
	M12 x 56	2.0	pnp, 200 mA, NO	Stainless steel V2A	IP 68 / IP 69	M12	DCC 12 VHD 2 PS-B3-56-4
	M12 x 56	2.0	pnp, 200 mA, NO	Stainless steel V2A	IP 68 / IP 69	M12	DCC 12 VHD 2 PS-B3-56-7
	M12 x 69	2.0	pnp, 200 mA, NO	Stainless steel V2A	IP 68 / IP 69	M12	DCC 12 VHD 2 PS-B3-69-2
	M12 x 69	2.0	pnp, 200 mA, NC	Stainless steel V2A	IP 68 / IP 69	M12	DCC 12 VHD 2 PO-B3-69-2
	M12 x 78	2.0	pnp, 200 mA, NO	Stainless steel V2A	IP 68 / IP 69	M12	DCC 12 VHD 2 PS-B3-78-7
	M12 x 93	2.0	pnp, 200 mA, NO	Stainless steel V2A	IP 68 / IP 69	M12	DCC 12 VHD 2 PS-B3-93-2
	M12 x 98	2.0	pnp, 200 mA, NO	Stainless steel V2A	IP 68 / IP 69	M12	DCC 12 VHD 2 PS-B3-98-7
	M12 x 127	2.0	pnp, 200 mA, NO	Stainless steel V2A	IP 68 / IP 69	M12	DCC 12 VHD 2 PS-B3-127-2
	M14 x 65	3.0	pnp, 200 mA, NO	Stainless steel V2A	IP 68	M12	DCC 14 V 03 PSK 500-IBS
	M14 x 65	3.0	npn, 200 mA, NO	Stainless steel V2A	IP 68	M12	DCC 14 V 03 NSK 500-IBS
	M14 x 57	3.0	pnp, 200 mA, NO	Stainless steel V2A	IP 68	2 m Polyure-thane	DCC 14 V 03 PSK 500

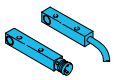
INA ANALOG

The Analog series INA includes highly precise inductive proximity sensors which have an analog current and voltage output available. They are suited for measuring switching distances of metallic parts in production or testing processes in which small changes in distance can reflect the quality of the process.

Technical data (typ.)	+20 °C, 24 V DC
Installation instructions	flush (f) / non-flush (nf) (see page 43)
For more information, visit	www.di-soric.com

CE

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf) / quasi-flush (qf)	Analog output	Housing material	Protection type	Cable length, plug connector	Product description
INA Analog, standard design								
	M8 x 45	0 to 4	quasi-flush	0 to 10 V	Brass nickel plated	IP 67	2 m	DCC 08 M 04/10 AK
	M8 x 60						M8	DCC 08 M 04/10 AK-TSL
	M8 x 66						M12	DCC 08 M 04/10 AK-IBS
	M12 x 50	0 to 6	quasi-flush	0 to 10 V, 4 to 20 mA	Brass nickel plated	IP 67	2 m	DCC 12 M 06/10 AIK
	M12 x 60						M12	DCC 12 M 06/10 AIK-IBS
	M12 x 35	0 to 6	quasi-flush	0 to 10 V, 4 to 20 mA	Brass nickel plated	IP 67	2 m	DCCK 12 M 06/10 AK
	M12 x 45						M12	DCCK 12 M 06/10 AK-IBS
	M18 x 50	0 to 10	quasi-flush	0 to 10 V, 4 to 20 mA	Brass nickel plated	IP 67	2 m	DCC 18 M 10/10 AIK
	M18 x 64						M12	DCC 18 M 10/10 AIK-IBS
	M18 x 35	0 to 10	quasi-flush	0 to 10 V, 4 to 20 mA	Brass nickel plated	IP 67	2 m	DCCK 18 M 10/10 AIK
	M18 x 49						M12	DCCK 18 M 10/10 AIK-IBS
	M18 x 64	0 to 20	nf	0 to 10 V, 4 to 20 mA	Brass nickel plated	IP 67	M12	DCC 18 M 20/10 AIK-IBS
	M30 x 60	0 to 20	quasi-flush	0 to 10 V, 4 to 20 mA	Brass nickel plated	IP 67	2 m	DCC 30 M 20/10 AIK
	M30 x 74						M12	DCC 30 M 20/10 AIK-IBS

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf) / quasi-flush (qf)	Analog output	Housing material	Protection type	Cable length, plug connector	Product description
INA Analog, standard design								
	M30 x 35	0 to 20	quasi-flush	0 to 10 V, 4 to 20 mA	Brass nickel plated	IP 67	2 m	DCCK 30 M 20/10 AIK
	M30 x 49						M12	DCCK 30 M 20/10 AIK-IBS
	M30 x 35	0 to 40	nf	0 to 10 V, 4 to 20 mA	Brass nickel plated	IP 67	2 m	DCCK 30 M 40/10 AIK
INA Analog, rectangular design								
	8 x 8 x 50	0 to 4	quasi-flush	0 to 10 V	Brass nickel plated	IP 67	2 m	DCCQ 08 M 04/10 AK
							M8	DCCQ 08 M 04/10 AK-TSL

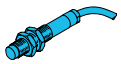
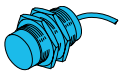
INH HIGH-TEMPERATURE RESISTANT

Our high-temperature resistant INH series satisfies high demands in a compact design. The sensors can be used in ambient temperatures from - 55 °C to + 230 °C.

Technical data (typ.)	**+20 °C, 24 VDC**
Installation instructions	flush (f) / non-flush (nf) (see page 43)
For more information, visit	www.di-soric.com

CE

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf) / quasi-flush (qf)	Temperature range (°C)	Switching output	Housing material	Protection type	Cable length, plug connector	Product description
INH High-temperature resistant, standard design									
	M8 x 55	2.0	f	0 to +140	pnp, 120 mA, NO	V2A LCP	IP 65	2 m	DCC 08 VH 02 PSK/140
					npn, 120 mA, NO				DCC 08 VH 02 NSK/140

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf) / quasi-flush (qf)	Temperature range (°C)	Switching output	Housing material	Protection type	Cable length, plug connector	Product description
INH High-temperature resistant, standard design									
	M12 x 63	2.0	f	-25 to +120	pnp, 200 mA, NO	Stainless steel V4A	IP 65	2 m	DCE 12 VH 02 PSK
	M12 x 56	3.0	f	0 to +150	pnp, 120 mA, NO	Stainless steel V2A	IP 65	2 m	DCC 12 VH 03 PSK/150
					npn, 120 mA, NO				DCC 12 VH 03 NSK/150
	M12 x 63	4.0	nf	-25 to +120	pnp, 200 mA, NO	Stainless steel V4A	IP 68	2 m	DCE 12 VH 04 PSK
	M18 x 80	5.0	f	-25 to +120	pnp, 200 mA, NO	Stainless steel V4A	IP 65	2 m	DCE 18 VH 05 PSK
	M18 x 67	5.0	f	-25 to +120	pnp, 200 mA, NO	Stainless steel V4A	IP 68	2 m	DCE 18 VH 05 PSLK
	M18 x 70	5.0	f	0 to +180	pnp, 200 mA, NO	Stainless steel V2A	IP 65	2 m	DCC 18 VH 05 PSK/180
	M18 x 70	5.0	f	0 to +180	pnp, 150 mA, NO	Stainless steel V4A	IP 65	2 m	DCC 18 VH 05 NSK/180
	M18 x 70	5.0	f	0 to +230 (sensor)	npn, 200 mA, NO	Stainless steel V2A	IP 65	2 m	DCC 18 VH 05 NSK/230/V
	M18 x 67	7.0	nf	-25 to +120	pnp, 200 mA, NO	Stainless steel V4A	IP 68	2 m	DCE 18 VH 07 PSLK
	M18 x 77	8.0	nf	0 to +180	pnp, 150 mA, NO	Stainless steel V2A	IP 65	2 m	DCC 18 VH 08 PSK/180
					npn, 150 mA, NO				DCC 18 VH 08 NSK/180
	M30 x 85	10.0	f	-25 to +160	pnp, 200 mA, NO	Stainless steel V4A	IP 65	2 m	DCE 30 VH 10 PSK
	M30 x 75	10.0	f	0 to +180	pnp, 150 mA, NO	Stainless steel V2A	IP 65	2 m	DCC 30 VH 10 PSK/180
					pnp, 150 mA, NC				DCC 30 VH 10 POK/180
					npn, 150 mA, NO				DCC 30 VH 10 NSK/180
	M30 x 75	10.0	f	0 to +230 (sensor)	pnp, 200 mA, NO	Stainless steel V2A	IP 65	2 m	DCC 30 VH 10 PSK/230/V
					npn, 200 mA, NO				DCC 30 VH 10 NSK/230/V
	M30 x 83	15.0	nf	0 to +180	pnp, 150 mA, NO	Stainless steel V2A	IP 65	2 m	DCC 30 VH 15 PSK/180
					npn, 150 mA, NO				DCC 30 VH 15 NSK/180
	M30 x 83	15.0	nf	0 to +230 (sensor)	pnp, 200 mA, NO	Stainless steel V2A	IP 65	2 m	DCC 30 VH 15 PSK/230/V
					npn, 200 mA, NO				DCC 30 VH 15 NSK/230/V
	M50 x 89	25.0	nf	0 to +180	pnp, 150 mA, NO	Stainless steel V2A	IP 65	2 m	DCC 50 VH 25 PSK/180
					npn, 150 mA, NO				DCC 50 VH 25 NSK/180
	M50 x 68	25.0	nf	0 to +230 (sensor)	pnp, 200 mA, NO	Stainless steel V2A	IP 65	2 m	DCC 50 VH 25 PSK/230/V
					npn, 200 mA, NO				DCC 50 VH 25 NSK/230/V

INF FOOD & BEVERAGE

The sensors in the INF series are available in the conventional sizes M12, M18 or M30. They feature a completely impermeable, single-piece fully metallic stainless steel housing (V4A / AISI 316L), including the sensor area. This makes them highly resistant to the corrosive chemicals that are used in cleaning or washing.

Technical data (typ.)	**+20 °C, 24 V DC**
Installation instructions	flush (f) / non-flush (nf) (see page 43)
For more information, visit	www.di-soric.com

CE

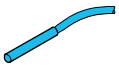
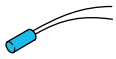
	Housing design Size (mm)	Switching distance (mm)	flush (f) non-flush (nf)	Switching output	Housing material	Protection type	Cable length, plug connector	Product description
INF Food & beverage, standard design								
	M12 x 69	6.0	f	pnp, 200 mA, NO	Stainless steel V4A	IP 68 IP 69K	2 m	DCC 12 VL 06 PSLK
				pnp, 200 mA, NC				DCC 12 VL 06 POLK
				npn, 200 mA, NO				DCC 12 VL 06 NSLK
				npn, 200 mA, NC				DCC 12 VL 06 NOLK
	M12 x 60	6.0	f	pnp, 200 mA, NO	Stainless steel V4A	IP 68 IP 69K	M12	DCC 12 VL 06 PSK-IBSL
				pnp, 200 mA, NC				DCC 12 VL 06 POK-IBSL
				npn, 200 mA, NO				DCC 12 VL 06 NSK-IBSL
				npn, 200 mA, NC				DCC 12 VL 06 NOK-IBSL
	M12 x 69	10.0	nf	pnp, 200 mA, NO	Stainless steel V4A	IP 68 IP 69K	2 m	DCC 12 VL 10 PSLK
				pnp, 200 mA, NC				DCC 12 VL 10 POLK
				npn, 200 mA, NO				DCC 12 VL 10 NSLK
				npn, 200 mA, NC				DCC 12 VL 10 NOLK
	M12 x 60	10.0	nf	pnp, 200 mA, NO	Stainless steel V4A	IP 68 IP 69K	M12	DCC 12 VL 10 PSK-IBSL
				pnp, 200 mA, NC				DCC 12 VL 10 POK-IBSL
				npn, 200 mA, NO				DCC 12 VL 10 NSK-IBSL
				npn, 200 mA, NC				DCC 12 VL 10 NOK-IBSL
	M18 x 70	10.0	f	pnp, 200 mA, NO	Stainless steel V4A	IP 68 IP 69K	2 m	DCC 18 VL 10 PSLK
				pnp, 200 mA, NC				DCC 18 VL 10 POLK
				npn, 200 mA, NO				DCC 18 VL 10 NSLK
				npn, 200 mA, NC				DCC 18 VL 10 NOLK
	M18 x 64	10.0	f	pnp, 200 mA, NO	Stainless steel V4A	IP 68 IP 69K	M12	DCC 18 VL 10 PSK-IBSL
				pnp, 200 mA, NC				DCC 18 VL 10 POK-IBSL
				npn, 200 mA, NO				DCC 18 VL 10 NSK-IBSL
				npn, 200 mA, NC				DCC 18 VL 10 NOK-IBSL

	Housing design Size (mm)	Switching distance (mm)	flush (f) non-flush (nf)	Switching output	Housing material	Protection type	Cable length, plug connector	Product description
INF Food & beverage, standard design								
	M18 x 70	20.0	nf	pnp, 200 mA, NO	Stainless steel V4A	IP 68 IP 69K	2 m	DCC 18 VL 20 PSLK
				pnp, 200 mA, NC				DCC 18 VL 20 POLK
				npn, 200 mA, NO				DCC 18 VL 20 NSLK
				npn, 200 mA, NC				DCC 18 VL 20 NOLK
	M18 x 64	20.0	nf	pnp, 200 mA, NO	Stainless steel V4A	IP 68 IP 69K	M12	DCC 18 VL 20 PSK-IBSL
				pnp, 200 mA, NC				DCC 18 VL 20 POK-IBSL
				npn, 200 mA, NO				DCC 18 VL 20 NSK-IBSL
				npn, 200 mA, NC				DCC 18 VL 20 NOK-IBSL
	M30 x 70	20.0	f	pnp, 200 mA, NO	Stainless steel V4A	IP 68 IP 69K	2 m	DCC 30 VL 20 PSLK
				pnp, 200 mA, NC				DCC 30 VL 20 POLK
				npn, 200 mA, NO				DCC 30 VL 20 NSLK
				npn, 200 mA, NC				DCC 30 VL 20 NOLK
	M30 x 64	20.0	f	pnp, 200 mA, NO	Stainless steel V4A	IP 68 IP 69K	M12	DCC 30 VL 20 POLK
				pnp, 200 mA, NC				DCC 30 VL 20 POK-IBSL
				npn, 200 mA, NO				DCC 30 VL 20 NSK-IBSL
				npn, 200 mA, NC				DCC 30 VL 20 NOK-IBSL
	M30 x 70	40.0	nf	pnp, 200 mA, NO	Stainless steel V4A	IP 68 IP 69K	2 m	DCC 30 VL 40 PSLK
				pnp, 200 mA, NC				DCC 30 VL 40 POLK
				npn, 200 mA, NO				DCC 30 VL 40 NSLK
				npn, 200 mA, NC				DCC 30 VL 40 NOLK
	M30 x 64	40.0	nf	pnp, 200 mA, NO	Stainless steel V4A	IP 68 IP 69K	M12	DCC 30 VL 40 PSK-IBSL
				pnp, 200 mA, NC				DCC 30 VL 40 POK-IBSL
				npn, 200 mA, NO				DCC 30 VL 40 NSK-IBSL
				npn, 200 mA, NC				DCC 30 VL 40 NOK-IBSL

INN NAMUR

Our process sensors in the INN NAMUR series guarantee high-precision measuring and control without intervention into the process. The measured values are available in real-time via a reliable, easily implementable interface that will be supported over the long term.

Technical data (typ.)	**+20 °C, 24 V DC**
Installation instructions	flush (f) / non-flush (nf) (see page 43)
For more information, visit	www.di-soric.com

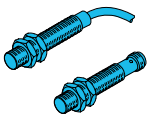
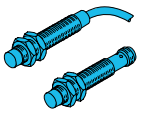
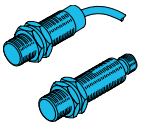
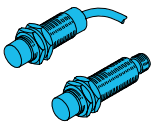
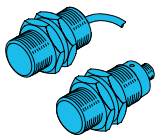
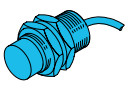
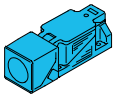
	Housing design Size (mm)	Switching distance (mm)	flush (f) non-flush (nf)	Switching output	Housing material	Protection type	Cable length, plug connector	Product description
INN Namur, small diameters								
	Ø3.0x22	3.0	f	Namur, < 1 mA/> 2.2 mA	Stainless steel V2A	IP 67	2m	DCC 3.0 V 0.6 NAMUR
	Ø4.0x10	4.0	f	Namur, < 1 mA/> 2.2 mA	Stainless steel V2A	IP 67	1.0m	DCC 4.0 V 0.8 NAMUR-K
	Ø6.5x16	1.5	f	Namur, < 1 mA/> 2.2 mA	Stainless steel V2A	IP 67	2m	DCCK 6.5 V 1.5 NAMUR
	Ø6.5x16	1.5	f	Namur, < 1 mA/> 2.2 mA	Stainless steel V2A	IP 67	2m	DCCK 6.5 V 1.5 NAMUR/ 2m PUR

INU UNIVERSAL VOLTAGE

The INU all-voltage series can be used for all types of industrial power supply AC/DC, allowing cost and maintenance effort to be significantly reduced. Our all-voltage sensors are available in the standard sizes M12, M18 and M30.

Technical data (typ.)	+20 °C, 24 V DC
Installation instructions	flush (f) / non-flush (nf) (see page 43)
For more information, visit	www.di-soric.com

CE

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf)	Switching output	Housing material	Protection type	Cable length, plug connector	Product description
INU Universal voltage, standard design								
	M12 x 70	2.0	f	UC, 300 mA, NO	Brass nickel plated	IP 67	2 m	UCC 12 M 02 SL
				UC, 300 mA, NC				UCC 12 M 02 OL
	M12 x 75	2.0	f	UC, 300 mA, NO	Brass nickel plated	IP 67	M12	UCC 12 M 02 S-IBSL
				UC, 300 mA, NC				UCC 12 M 02 O-IBSL
	M12 x 70	4.0	nf	UC, 300 mA, NO	Brass nickel plated	IP 67	2 m	UCC 12 M 04 SL
				UC, 300 mA, NC				UCC 12 M 04 OL
	M12 x 75	4.0	nf	UC, 300 mA, NO	Brass nickel plated	IP 67	M12	UCC 12 M 04 S-IBSL
				UC, 300 mA, NC				UCC 12 M 04 O-IBSL
	M18 x 60	5.0	f	UC, 300 mA, NO	Brass nickel plated	IP 67	2 m	UCC 18 M 05 SL
				UC, 300 mA, NC				UCC 18 M 05 OL
	M18 x 80	5.0	f	UC, 300 mA, NO	Brass nickel plated	IP 67	M12	UCC 18 M 05 S-IBSL
				UC, 300 mA, NC				UCC 18 M 05 O-IBSL
	M18 x 60	8.0	nf	UC, 300 mA, NO	Brass nickel plated	IP 67	2 m	UCC 18 M 08 SL
				UC, 300 mA, NC				UCC 18 M 08 OL
	M18 x 80	8.0	nf	UC, 300 mA, NO	Brass nickel plated	IP 67	M12	UCC 18 M 08 S-IBSL
				UC, 300 mA, NC				UCC 18 M 08 O-IBSL
	M30 x 60	10.0	f	UC, 300 mA, NO	Brass nickel plated	IP 67	2 m	UCC 30 M 10 SL
				UC, 300 mA, NC				UCC 30 M 10 OL
	M30 x 80	10.0	f	UC, 300 mA, NO	Brass nickel plated	IP 67	M12	UCC 30 M 10 S-IBSL
				UC, 300 mA, NC				UCC 30 M 10 O-IBSL
	M30 x 60	15.0	nf	UC, 300 mA, NO	Brass nickel plated	IP 67	2 m	UCC 30 M 15 SL
				UC, 300 mA, NC				UCC 30 M 15 OL
INU Universal voltage, rectangular design								
	120 x 40 x 40	20.0	f	UC, 300 mA, NO or NC	PA 6.6	IP 67	Clamps	UCCR 40 K 20 SO-KL

INZ SPECIAL APPLICATIONS

Our inductive proximity sensors in the INZ series are suitable for many special applications, such as those in the low temperature range.

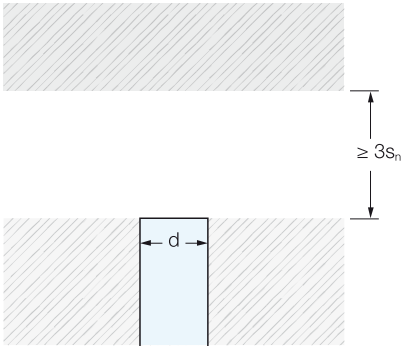
Technical data (typ.)	**+20 °C, 24 V DC**
Installation instructions	flush (f) / non-flush (nf) (see page 43)
For more information, visit	www.di-soric.com

CE

	Housing design Size (mm)	Switching distance (mm)	flush (f) / non-flush (nf) / quasi-flush (qf)	Temperature range (°C)	Switching output	Housing material	Protection type	Cable length, plug connector	Product description
INZ Special applications, standard design									
	M12 x 63	2.0	f	-55 to +60	pnp, 200 mA, NO	Stainless steel V4A	IP 68 (IP 69K)	2 m	DCE 12 VT 02 PSK
		4.0	nf						DCE 12 VT 04 PSK
	M18 x 67	5.0	f	-55 to +60	pnp, 200 mA, NO	Stainless steel V4A	IP 68 (IP 69K)	2 m	DCE 18 VT 05 PSLK
		7.0	nf						DCE 18 VT 07 PSLK

INSTALLATION INSTRUCTIONS FOR INDUCTIVE PROXIMITY SENSORS

Flush installation (f)

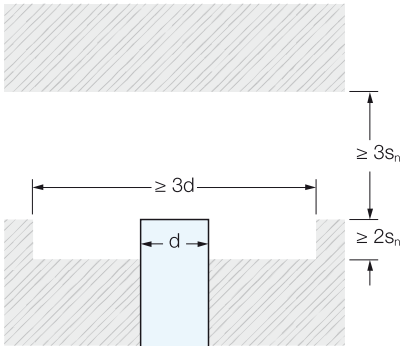


These proximity switches can be installed in all materials (metals / non-metals) such that the active sensor surface lines up flush with the surrounding material on the front side.

They have the following advantages:

- Flush installation in conductive materials (metals)
- Protection of the sensing surface prior to mechanical damage
- Less influence from external interference fields
- Less distance to the next proximity switch on the side

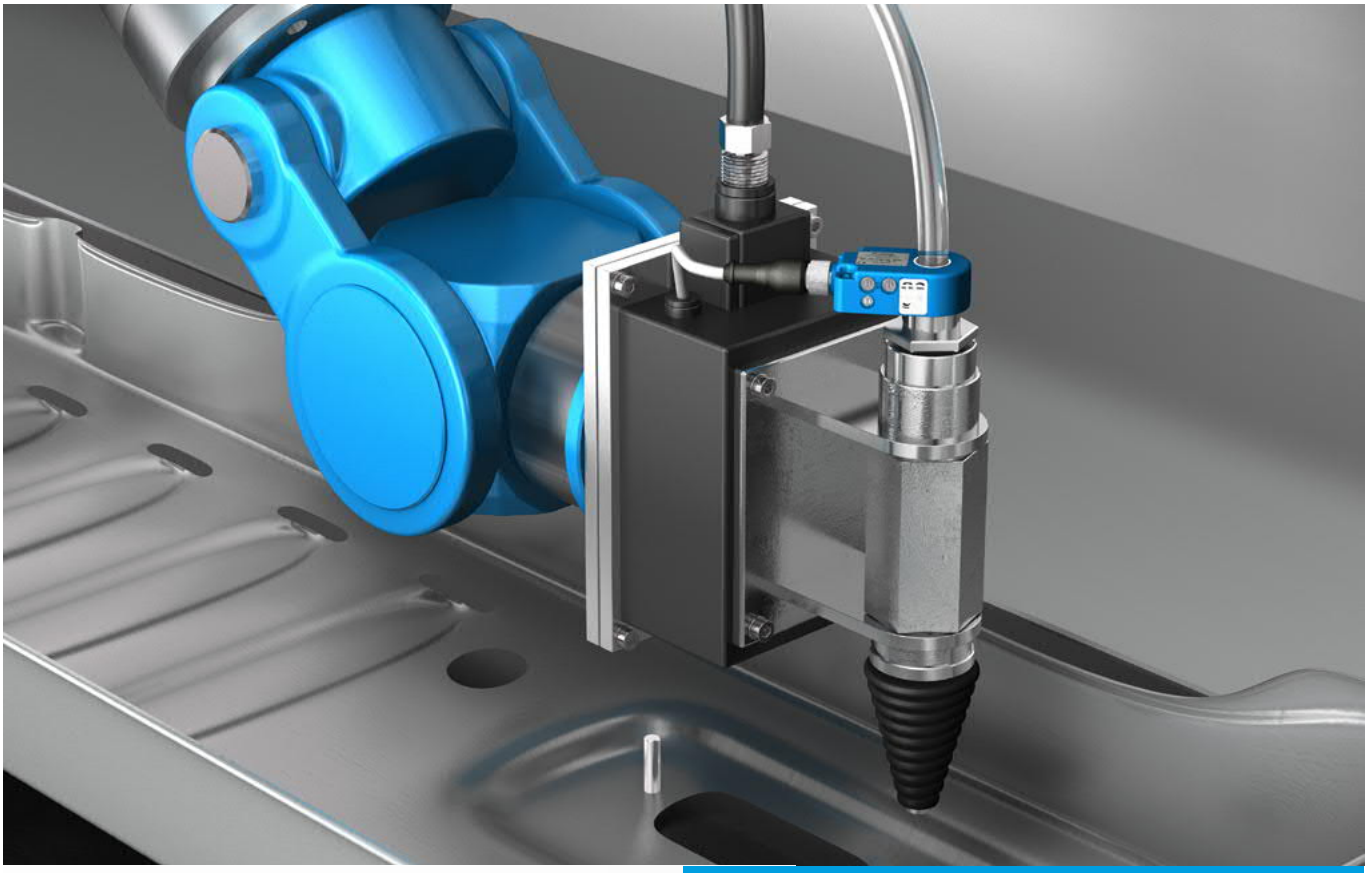
Non-flush installation (nf)



These proximity switches are allowed to be installed non-flush in conductive materials.
They have the greatest possible switching distance.
Special installation instructions apply to these proximity switches.

Flush installation in nonconductive materials is permitted.

Inductive ring sensors



Our inductive ring and wire breakage sensors detect the smallest metallic parts that are conveyed in supply tubes for further processing. In the case of parts that are fed very quickly, the integrated pulse stretching generates an output signal that can be easily analyzed. All devices from di-soric are reliably protected against overload, short-circuit and polarity reversal.

IRB STANDARD

The inductive ring sensors in the IRB Standard series in the sizes Ø 10.1 mm to 27 mm detect the smallest metallic parts. They can be put into service quickly and have no adjusting elements. These sensors work according to the static operating principle and exhibit a short response time.

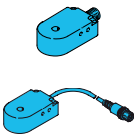
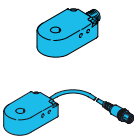
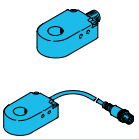
Technical data (typ.)	**+20 °C, 24 V DC**
Service voltage	10 to 35 V DC
Voltage drop	2.0 V
Speed of parts	< 35 m/s
Ambient temperature	-25 to 70 °C
Protection type	IP 67
Insulation voltage endurance	1,000 V
Housing material	Polyamide, ring POM

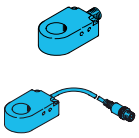
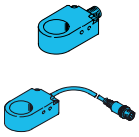
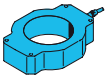
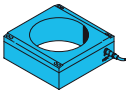
	Ring diameter (mm)	Evaluation: Static (S)	No-load current (mA)	Resolution, steel ball (mm)	Switching output	Pulse stretching (ms)	Cable length, Plug connector	Product description
IRB Standard								
	10.1	T	11	2.0	pnp, 200 mA, NO	150	M12	IRB 10 PS-B3
					npn, 200 mA, NO			IRB 10 NS-B3
	15.1	T	11	2.5	pnp, 200 mA, NO	150	M12	IRB 15 PS-B3
					npn, 200 mA, NO			IRB 15 NS-B3
	20.1	T	11	3.0	pnp, 200 mA, NO	150	M12	IRB 20 PS-B3
					npn, 200 mA, NO			IRB 20 NS-B3
	27.1	T	11	5.0	pnp, 200 mA, NO	150	M12	IRB 27 PS-B3

IR STATIC

The devices in the IR series are inductive standard ring sensors that can be used to detect even the smallest metallic parts. They are available in Ø 6.1 mm to 151.0 mm models and are well suited for quickly supplied parts.

Technical data (typ.)	+20 °C, 24 V DC
Service voltage	10 to 35 V DC
Sensitivity adjustment	Potentiometer
Voltage drop	2.0 V
Speed of parts	< 35 m/s
Ambient temperature	-25 to 70 °C
Protection type	IP 67
Insulation voltage endurance	1,000 V
Housing material	Polyamide, ring POM
	Die-cast aluminum, ring POM (only IR 150 …)

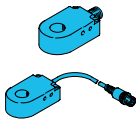
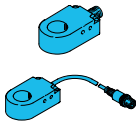
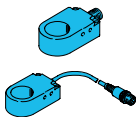
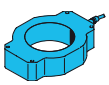
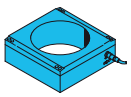
	Ring diameter (mm)	Evaluation: Static (S) / Dynamic (D)	No-load current (mA)	Resolution, steel ball (mm)	Switching output	Pulse stretching (ms)	Cable length, Plug connector	Product description
IR Static								
	6.1	T	11	1.0	pnp, 200 mA, NO/NC	10 to 150	M12	IR 6 PSOK-IBS
					npn, 200 mA, NO/NC			IR 6 NSOK-IBS
					pnp, 200 mA, NO/NC		0.3 m/M12	IR 6 PSOK-K-BS
	10.1	T	11	1.5	pnp, 200 mA, NO/NC	10 to 150	M12	IR 10 PSOK-IBS
					pnp, 200 mA, NO/NC			IR 10 NSOK-IBS
					pnp, 200 mA, NO/NC		0.3 m/M12	IR 10 PSOK-K-BS
	15.1	T	11	2.0	pnp, 200 mA, NO/NC	10 to 150	M12	IR 15 PSOK-IBS
					pnp, 200 mA, NO/NC			IR 15 NSOK-IBS
					pnp, 200 mA, NO/NC		0.3 m/M12	IR 15 PSOK-K-BS

	Ring diameter (mm)	Evaluation: Static (S) / Dynamic (D)	No-load current (mA)	Resolution, steel ball (mm)	Switching output	Pulse stretching (ms)	Cable length, Plug connector	Product description
IR Static								
	20.1	T	11	2.5	pnp, 200 mA, NO/NC	10 to 150	M12	IR 20 PSOK-IBS
					npn, 200 mA, NO/NC			IR 20 NSOK-IBS
					pnp, 200 mA, NO/NC		0.3m/M12	IR 20 PSOK-K-BS
	25.1	T	11	3.0	pnp, 200 mA, NO/NC	10 to 150	M12	IR 25 PSOK-IBS
					npn, 200 mA, NO/NC			IR 25 NSOK-IBS
					pnp, 200 mA, NO/NC		0.3m/M12	IR 25 PSOK-K-BS
	35.2	T	11	4.5	pnp, 200 mA, NO/NC	10 to 150	M12	IR 35 PSOK-IBS
					npn, 200 mA, NO/NC			IR 35 NSOK-IBS
	51.0	T	11	6.0	pnp, 200 mA, NO/NC	10 to 150	M12	IR 50 PSOK-IBS
					npn, 200 mA, NO/NC			IR 50 NSOK-IBS
	101.0	T	15	10.0	pnp, 200 mA, NO/NC	10 to 150	M12	IR 100 PSOK-IBS
					npn, 200 mA, NO/NC			IR 100 NSOK-IBS
	151.0	T	15	19.0	pnp, 200 mA, NO/NC	10 to 150	M12	IR 150 PSOK-IBS
					npn, 200 mA, NO/NC			IR 150 NSOK-IBS

IRD DYNAMIC

Ring sensors with dynamic evaluation have a higher resolution than ring sensors with static resolution, making them particularly suitable for detecting very small parts with a low mass. The dynamic operating principle independently compensates for contamination in the supply tube.

Technical data (typ.)	+20 °C, 24 V DC
Service voltage	10 to 35 V DC
Sensitivity adjustment	Potentiometer
Voltage drop	2.0 V
Speed of parts	< 35 m/s
Ambient temperature	-25 to 70 °C
Protection type	IP 67
Insulation voltage endurance	1,000 V
Housing material	Polyamide, ring POM
	Die-cast aluminum, ring POM (only IRD 150 …)

	Ring diameter (mm)	Evaluation: Static (S) / Dynamic (D)	No-load current (mA)	Resolution, steel ball (mm)	Switching output	Pulse stretching (ms)	Cable length, Plug connector	Product description
IRD Dynamic								
	6.1	D	< 20	0.5	pnp, 200 mA, NO/NC	0.1 to 150	M12	IRD 6 PSOK-IBS
					npn, 200 mA, NO/NC			IRD 6 NSOK-IBS
	10.1	D	< 20	0.6	pnp, 200 mA, NO/NC	0.1 to 150	M12	IRD 10 PSOK-IBS
					npn, 200 mA, NO/NC			IRD 10 NSOK-IBS
	15.1	D	< 20	0.8	pnp, 200 mA, NO/NC	0.1 to 150	M12	IRD 15 PSOK-IBS
					npn, 200 mA, NO/NC			IRD 15 NSOK-IBS
					pnp, 200 mA, NO/NC		0.3 m/M12	IRD 15 PSOK-K-BS
	20.1	D	< 20	1.0	pnp, 200 mA, NO/NC	0.1 to 150	M12	IRD 20 PSOK-IBS
					npn, 200 mA, NO/NC			IRD 20 NSOK-IBS
					pnp, 200 mA, NO/NC		0.3 m/M12	IRD 20 PSOK-K-BS
	25.1	D	< 20	1.2	pnp, 200 mA, NO/NC	0.1 to 150	M12	IRD 25 PSOK-IBS
					npn, 200 mA, NO/NC			IRD 25 NSOK-IBS
					pnp, 200 mA, NO/NC		0.3 m/M12	IRD 25 PSOK-K-BS
	35.2	D	< 20	2.0	pnp, 200 mA, NO/NC	0.1 to 150	M12	IRD 35 PSOK-IBS
					npn, 200 mA, NO/NC			IRD 35 NSOK-IBS
	51.0	D	< 20	2.5	pnp, 200 mA, NO/NC	0.1 to 150	M12	IRD 50 PSOK-IBS
					npn, 200 mA, NO/NC			IRD 50 NSOK-IBS
	101.0	D	< 20	5.0	pnp, 200 mA, NO/NC	0.1 to 150	M12	IRD 100 PSOK-IBS
					npn, 200 mA, NO/NC			IRD 100 NSOK-IBS
	151.0	D	< 20	10.0	pnp, 200 mA, NO/NC	0.1 to 150	M12	IRD 150 PSOK-IBS
					npn, 200 mA, NO/NC			IRD 150 NSOK-IBS

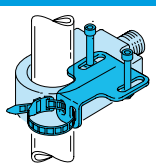
IRDB WIRE BREAK SENSOR

The inductive wire breakage sensors in the IRDB series are used for detecting wire breaks. The sensors are available in the sizes Ø 4 mm and 6 mm. They can be put into service quickly and have no adjusting elements. These sensors work according to the static operating principle and exhibit a short response time.

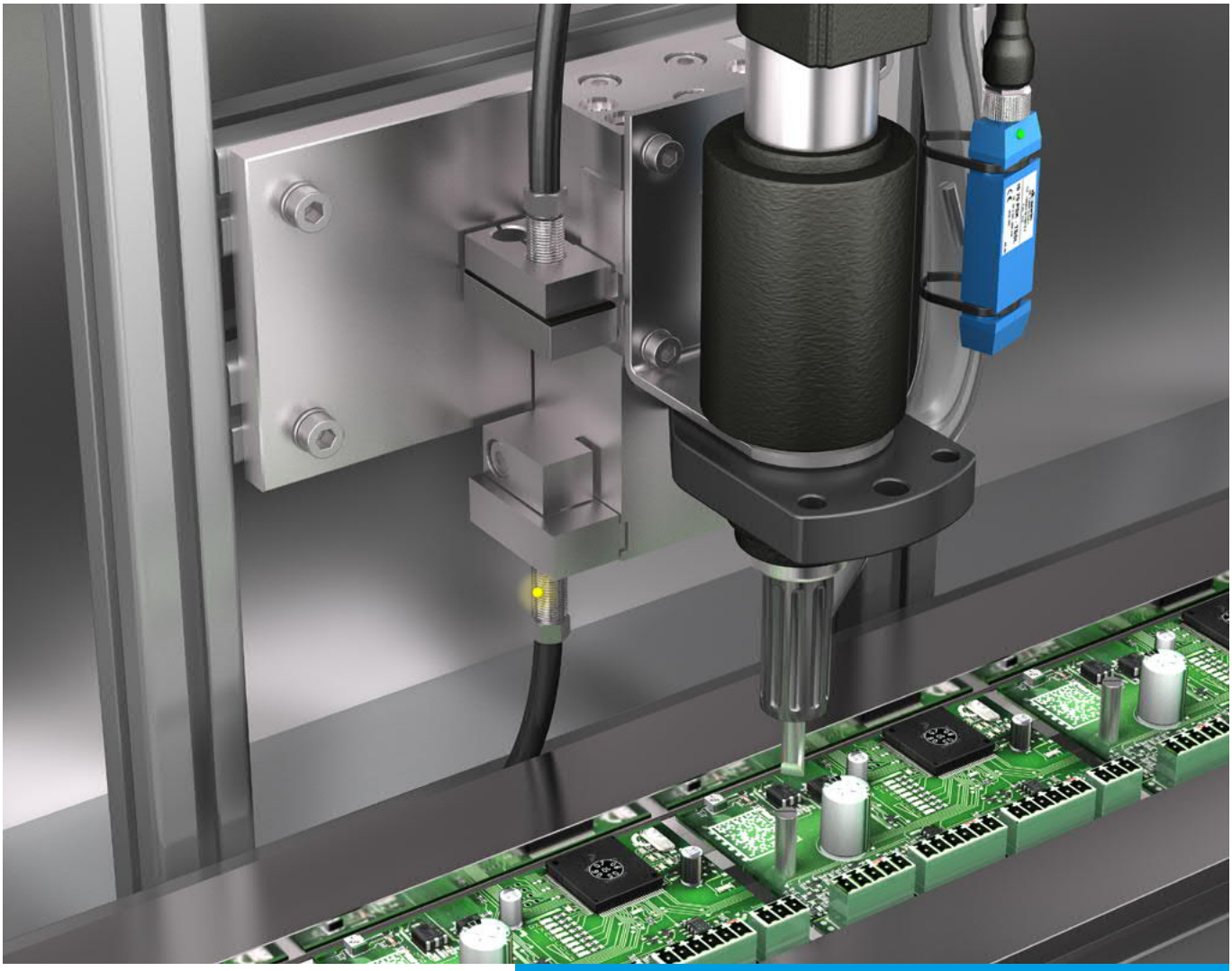
Technical data (typ.)	**+20 °C, 24 V DC**
Service voltage	10 to 35 V DC
Sensitivity adjustment	Potentiometer
Voltage drop	2.0 V
Speed of parts	< 35 m/s
Ambient temperature	-25 to 70 °C
Protection type	IP 67
Insulation voltage endurance	1,000 V
Housing material	Polyamide, ring POM ceramic insert (IRDBx 4 …)
	Polyamide, ring POM (IRDBx 6 …)

	Ring diameter (mm)	Evaluation: Static (S) / Dynamic (D)	No-load current (mA)	Resolution, Cu wire (mm)	Switching output	Pulse stretching (ms)	Cable length, Plug connector	Product description
IRDB Wire break sensor								
	4.0	T	11	0.2	pnp, 200 mA, NO	10 to 150	M12	IRDB 4 PSOK-IBS
					npn, 200 mA, NO			IRDB 4 NSOK-IBS
		D	< 20	0.1	pnp, 200 mA, NO	0.1 to 150		IRDBD 4 PSOK-IBS
					npn, 200 mA, NO			IRDBD 4 NSOK-IBS
	6.1	T	11	0.2	pnp, 200 mA, NO	10 to 150	M12	IRDB 6 PSOK-IBS
					npn, 200 mA, NO			IRDB 6 NSOK-IBS
		D	< 20	0.1	pnp, 200 mA, NO	0.1 to 150		IRDBD 6 PSOK-IBS
					npn, 200 mA, NO			IRDBD 6 NSOK-IBS

IR-Z ACCESSORIES FOR INDUCTIVE RING SENSORS

Mounting bracket for ring sensors IRB 6-27			
	Mounting diameter	Ø 4.5 mm	BW-IR01
	Mounting diameter	Ø 4.5 mm	BWS-IR01

Inductive tube sensors

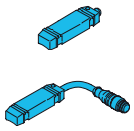


The area of application of our tube sensors is parts detection and counting. The static and dynamic evaluation principle enables a simple accumulation monitoring to be implemented. The compact sensors with a universal fastening system can be quickly adapted to different tube cross-sections without having to dismantle the supply tube.

IS STATIC

Our inductive tube sensors in static design can detect the smallest metallic parts are reliably. They are very well suited for quickly supplied parts and for the detection of material accumulation. They are available in the size 70 x 20 x 12 mm.

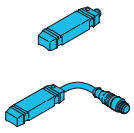
Technical data (typ.)	+20 °C, 24 V DC
Service voltage	10 to 35 V DC
Voltage drop	2.0 V
Shock/vibration load	30 g_n/10 to 55 Hz, 1 mm
Speed of parts	< 35 m/s
Ambient temperature	-25 to 70 °C
Protection type	IP 67
Insulation voltage endurance	500 V
LED display	Switching output yellow, operation green
Housing material	Polycarbonate

	Housing design Size (mm)	Evaluation: Static (S) / Dynamic (D)	No-load current (mA)	Switching output	Pulse stretching (ms)	Cable length, Plug connector	Product description
IS Static							
	70 x 20 x 12	T	15	pnp, 200 mA, NO	100	M8	IS 70 PSK-TSSL
				npn, 200 mA, NO			IS 70 NSK-TSSL
				pnp, 200 mA, NO		0.5 m/M12	IS 70 PSLK-K-BS
				npn, 200 mA, NO			IS 70 NSLK-K-BS

ISDP DYNAMIC

Our tube sensors with dynamic evaluation have a high resolution and a short response time. Contaminants with metallic content are automatically hidden. The sensors can be assembled afterward and can be fixed with cable ties. They stand out thanks to their low weight, their compact design and the high protection class IP 67. They also have a metallic connecting plug.

Technical data (typ.)	+20 °C, 24 V DC
Service voltage	10 to 35 V DC
Voltage drop	2.0 V
Shock/vibration load	30 g_n/10 to 55 Hz, 1 mm
Speed of parts	< 35 m/s
Ambient temperature	-25 to 70 °C
Protection type	IP 67
Insulation voltage endurance	500 V
LED display	Switching output yellow, operation green
Housing material	Polycarbonate

	Housing design Size (mm)	Evaluation: Static (S) / Dynamic (D)	No-load current (mA)	Switching output	Pulse stretching (ms)	Cable length, Plug connector	Product description
ISDP Dynamic							
	70 x 20 x 12	D	25	pnp, 200 mA, NO	100	M8	ISDP 70 PSK-TSSL
				npn, 200 mA, NO			ISDP 70 NSK-TSSL
				pnp, 200 mA, NO		0.5 m/M12	ISDP 70 PSLK-K-BS
				npn, 200 mA, NO			ISDP 70 NSLK-K-BS