

Schaltabstand **S_n** (Bezug St37)

- Hochflexibles Kabel
- Metallstecker
- Integrierter Verstärker
- Kurzschlusschutz
- Einschaltimpulsunterdrückung
- LED / Ring-LED

Abkürzungen

- S_n** = Nennschaltabstand
- b** = bündig in Metall
- nb** = nicht bündig in Metall
- qb** = quasi bündig in Metall
- VA** = rostfreier Stahl
- Ms** = Messing vernickelt
- Ks** = Kunststoff
- Al** = Aluminium eloxiert

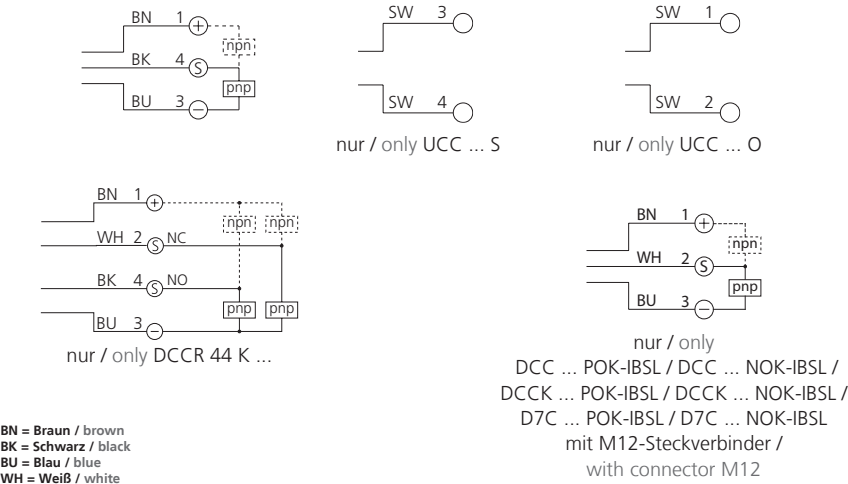
Operating distance **S_n** (ref. ST37)

- Cable, highly flexible
- Metal plug
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED / ring- LED

Abbreviations

- S_n** = Nominal operating distance
- b** = Flush-fitted in metal
- nb** = Non flush-fitted in metal
- qb** = Quasi flush-fitted in metal
- VA** = Stainless steel
- Ms** = Brass nickel-plated
- Ks** = Plastic
- Al** = Anodized aluminium

Anschlusschema
Connection diagram



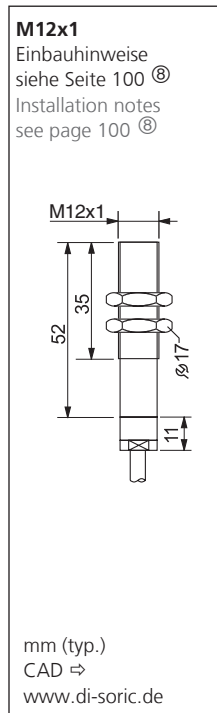
Technische Daten (typ.)	Technical data (typ.)	+20 °C, 24 VDC
Schaltabstand	Operating distance	
Normmessplatte	Standard measuring plate	
Betriebsspannung	Service voltage	
Ausgang / Ausgangsstrom	Output /output current	
Eigenstromaufnahme	Internal power consumption	
Spannungsfall	Voltage drop	
Schaltfrequenz	Operating frequency	
Schalthysterese	Switching hysteresis	
Umgebungstemperatur	Ambient temperature	
Isolationsspannungsfestigkeit	Insulation voltage endurance	
Schutzart	Protection class	
Gehäusematerial	Housing material	
Kabel	Cable	
Bestelltabelle	Purchase order table	
DC pnp Schließer	DC pnp NO	
DC pnp Öffner	DC pnp NC	
DC npn Schließer	DC npn NO	
DC npn Öffner	DC npn NC	
Analogausgang	Analog output	
Ausgangsschaltung nach NAMUR	Output circuit acc. to NAMUR	
Zubehör	Accessories	
Anschlusskabel (separates Datenblatt)	Connection cables (separate data-sheet)	
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Induktive Näherungsschalter, tiefteperaturfest

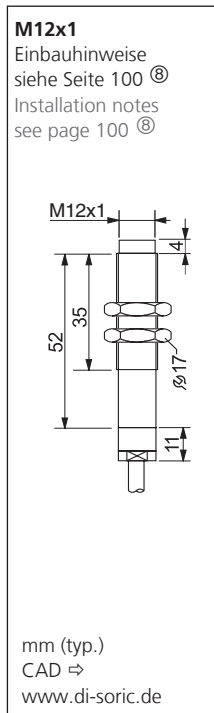
Inductive proximity switches, low-temperature resistant

- Tieftemperaturfeste Ausführung bis -55 °C Dauertemperatur
- Schutzart IP 68 und IP 69K (strahlwasserfest)
- Edelstahl-Gehäuse
- Aktive Fläche PTFE
- Low-temperature resistant version down to -55 °C permanent temperature
- Protection class IP 68 and IP 69K (hose water proof)
- Stainless steel housing
- Sensing surface PTFE

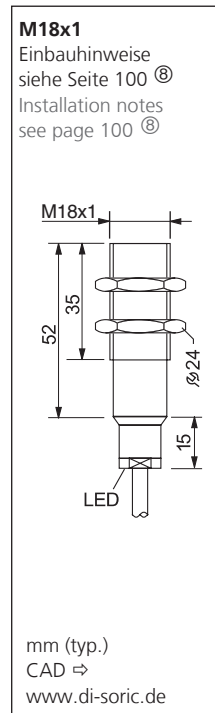
b 2 mm



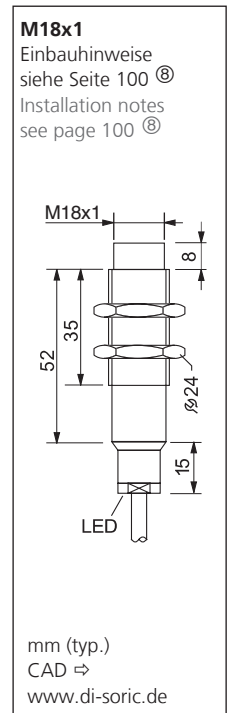
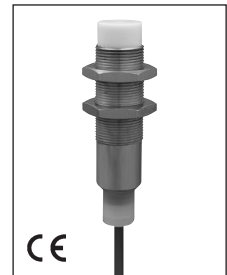
nb 4 mm



b 5 mm



nb 7 mm



2 mm	4 mm	5 mm	7 mm
12 x 12 x 1 mm	12 x 12 x 1 mm	18 x 18 x 1 mm	21 x 21 x 1 mm
10 ... 33 VDC	10 ... 33 VDC	10 ... 33 VDC	10 ... 33 VDC
pnp, 200 mA	pnp, 200 mA	pnp, 200 mA	pnp, 200 mA
< 4 mA	< 4 mA	< 4 mA	< 4 mA
< 2,0 V	< 2,0 V	< 2,0 V	< 2,0 V
1.000 Hz	1.000 Hz	1.000 Hz	1.000 Hz
10 %	10 %	10 %	10 %
-55 ... +60 °C	-55 ... +60 °C	-55 ... +60 °C	-55 ... +60 °C
500 V	500 V	500 V	500 V
IP 68 (IP 69K)	IP 68 (IP 69K)	IP 68 (IP 69K)	IP 68 (IP 69K)
1.4571 / PTFE	1.4571 / PTFE	1.4571 / PTFE	1.4571 / PTFE
2,0 m, PTFE	2,0 m, PTFE	2,0 m, PTFE	2,0 m, PTFE
DCE 12 VT 02 PSK	DCE 12 VT 04 PSK	DCE 18 VT 05 PSLK	DCE 18 VT 07 PSLK
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-