

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)

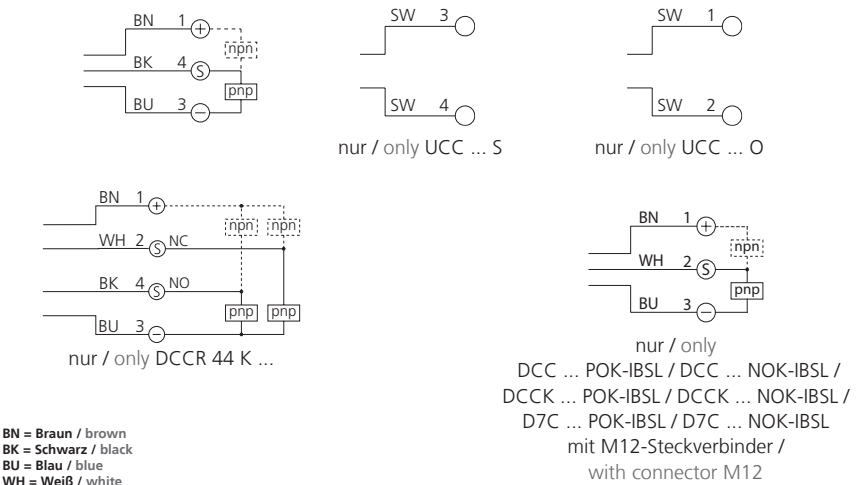
- Cable, highly flexible
- Metal plug
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED / ring- LED

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

Anschlussschema

Connection diagram



Technische Daten (typ.)

Schaltabstand
Normmessplatte
Betriebsspannung
Ausgang / Ausgangsstrom
Eigenstromaufnahme
Spannungsfall
Schaltfrequenz
Schalthysterese
Umgebungstemperatur
Isolationsspannungsfestigkeit
Schutzart
Gehäusematerial
Kabel

Bestelltabelle

DC pnp Schließer 
DC pnp Öffner 
DC npn Schließer 
DC npn Öffner 

Analogausgang

Ausgangsschaltung nach NAMUR

Zubehör

Anschlusskabel (separates Datenblatt)

Anschlusskabel (separates Datenblatt)

Technical data (typ.) +20 °C, 24 VDC

Operating distance
Standard measuring plate
Service voltage
Output /output current
Internal power consumption
Voltage drop
Operating frequency
Switching hysteresis
Ambient temperature
Insulation voltage endurance
Protection class
Housing material
Cable

Purchase order table

DC pnp NO 
DC pnp NC 
DC npn NO 
DC npn NC 

Analog output

Output circuit acc. to NAMUR

Accessories

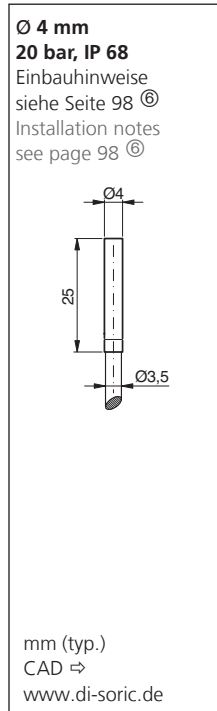
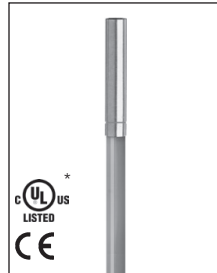
Connection cables (separate data-sheet)

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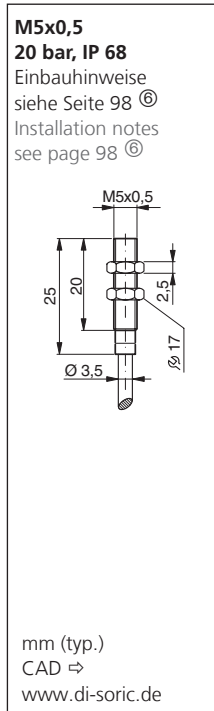
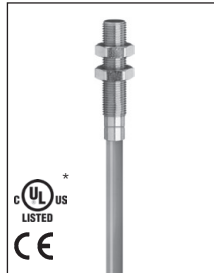
Induktive Näherungsschalter, druckfest | Inductive proximity switches, pressure resistant

- Druckfeste Ausführung bis 20 bar
- Hochdruckfeste Ausführung bis 500 bar
- Edelstahl-Gehäuse
- Aktive Fläche Saphir, ZrO_2 - oder Al_2O_3 -Keramik
- Pressure resistant version up to 20 bar
- High-pressure resistant version up to 500 bar
- Stainless steel housing
- Active zone sapphire, ZrO_2 - or Al_2O_3 -ceramic

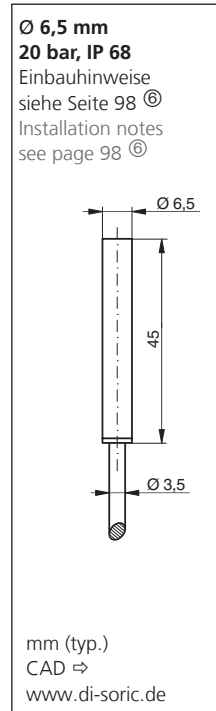
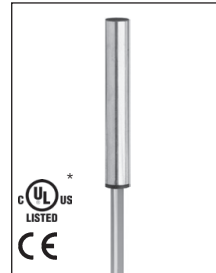
b 0,6 mm



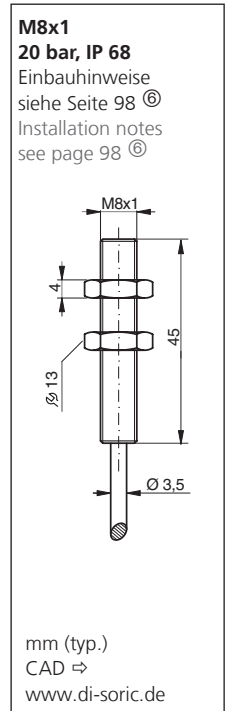
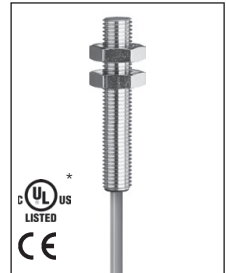
b 0,6 mm



b 2,5 mm



b 2,5 mm



0,6 mm	0,6 mm	2,5 mm	2,5 mm
4 x 4 x 1 mm	5 x 5 x 1 mm	7,5 x 7,5 x 1 mm	7,5 x 7,5 x 1 mm
10 ... 30 VDC	10 ... 30 VDC	10 ... 30 VDC	10 ... 30 VDC
pnp / npn, 200 mA	pnp / npn, 200 mA	pnp / npn, 200 mA	pnp / npn, 200 mA
< 10 mA	< 10 mA	< 10 mA	< 10 mA
< 2,0 V	< 2,0 V	< 2,0 V	< 2,0 V
5.000 Hz	5.000 Hz	1.000 Hz	1.000 Hz
5 %	5 %	5 %	5 %
-25 ... +70 °C	-25 ... +70 °C	-25 ... +70 °C	-25 ... +70 °C
500 V	500 V	500 V	500 V
IP 68	IP 68	IP 68	IP 68
VA / Saphir	VA / Saphir	VA / ZrO_2 -Keramik	VA / ZrO_2 -Keramik
2,0 m, PUR	2,0 m, PUR	2,0 m, PUR	2,0 m, PUR
DCC 4.0 V 0.6 PSLK-E	DCC 05 V 0.6 PSLK-E	DCC 6.5 V 2.5 PSLK-E	DCC 08 V 2.5 PSLK-E
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DCC 4.0 V 0.6 NSLK-E	DCC 05 V 0.6 NSLK-E	DCC 6.5 V 2.5 NSLK-E	DCC 08 V 2.5 NSLK-E
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