

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

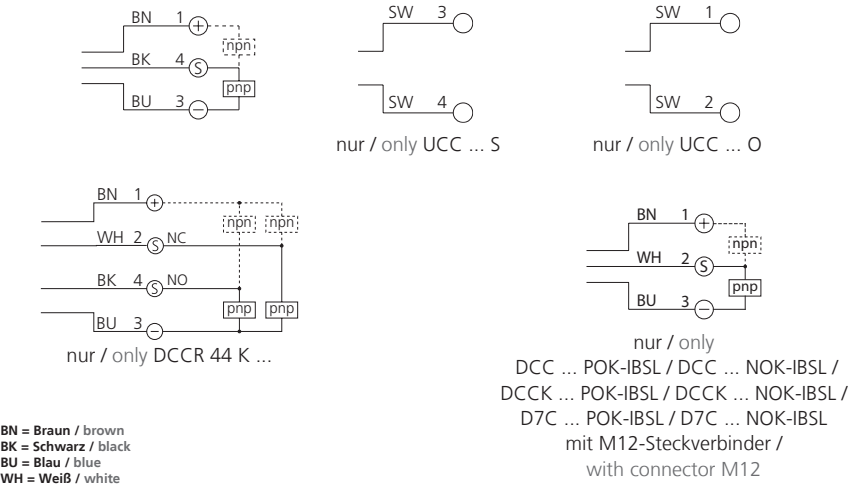
Operating distance **S_n** (ref. ST37)

- 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)		
Anschlusskabel (separates Datenblatt)			Connection cables (separate data-sheet)		

qb 0...6 mm

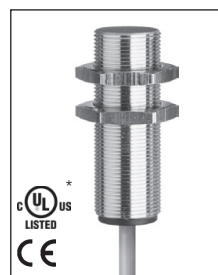
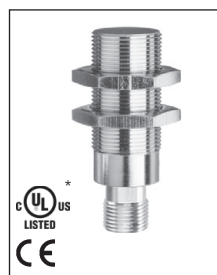
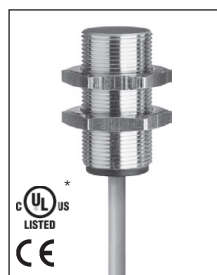
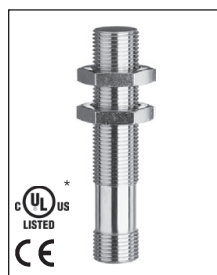
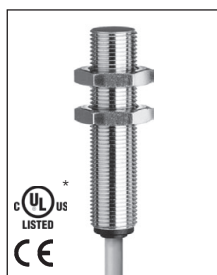
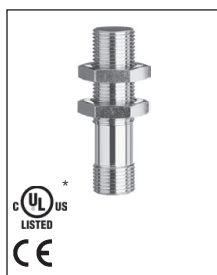
qb 0...6 mm

qb 0...6 mm

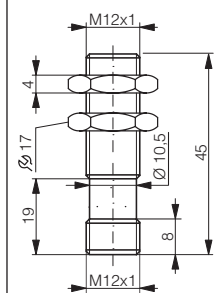
qb 0...10 mm

qb 0...10 mm

qb 0...10 mm

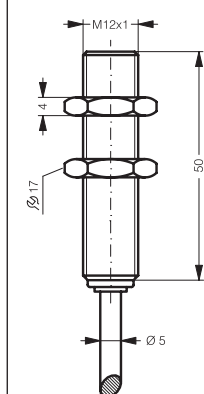


M12x1 analog
0...10 V
Einbauhinweise
siehe Seite 101 ⑨
Installation notes
see page 101 ⑨



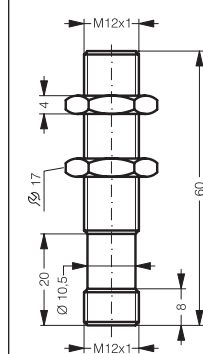
mm (typ.)
CAD ⇔
www.di-soric.de

M12x1 analog
0...10 V / 4...20 mA
Einbauhinweise
siehe Seite 101 ⑨
Installation notes
see page 101 ⑨



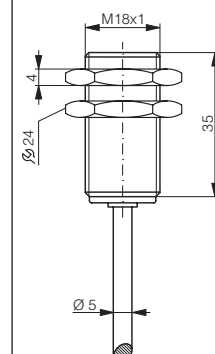
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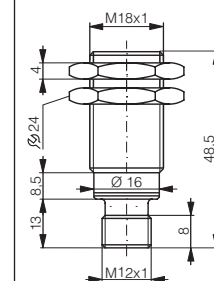
mm (typ.)
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M18x1 analog
0...10 V / 4...20 mA
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see page 101 ⑨



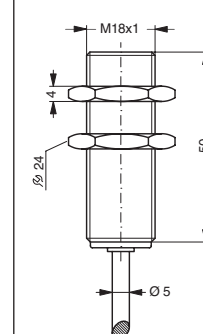
mm (typ.)
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mm (typ.)
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mm (typ.)
CAD ⇔
www.di-soric.de

0...6 mm	0...6 mm	0...6 mm	0...10 mm	0...10 mm	0...10 mm
18 x 18 x 1 mm	18 x 18 x 1 mm	18 x 18 x 1 mm	30 x 30 x 1 mm	30 x 30 x 1 mm	30 x 30 x 1 mm
15...30 VDC	15...30 VDC	15...30 VDC	15...30 VDC	15...30 VDC	15...30 VDC
—	—	—	—	—	—
< 12 mA	< 12 mA	< 12 mA	< 12 mA	< 12 mA	< 12 mA
—	—	—	—	—	—
1.000 Hz	1.000 Hz	1.000 Hz	500 Hz	500 Hz	500 Hz
—	—	—	—	—	—
-25...+45 °C	-25...+45 °C	-25...+45 °C	-25...+45 °C	-25...+45 °C	-25...+45 °C
500 V	500 V	500 V	500 V	500 V	500 V
IP 67	IP 67	IP 67	IP 67	IP 67	IP 67
Ms	Ms	Ms	Ms	Ms	Ms
—	2,0 m, PUR	—	2,0 m, PUR	—	2,0 m, PUR
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
DCC 12 M 06/10 AK-IBS	DCC 12 M 06/10 AIK	DCC 12 M 06/10 AIK-IBS	DCC 18 M 10/10 AIK	DCC 18 M 10/10 AIK-IBS	DCC 18 M 10/10 AIK
—	—	—	—	—	—
VK...	—	VK.../4	—	VK.../4	—
—	—	—	—	—	—