

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

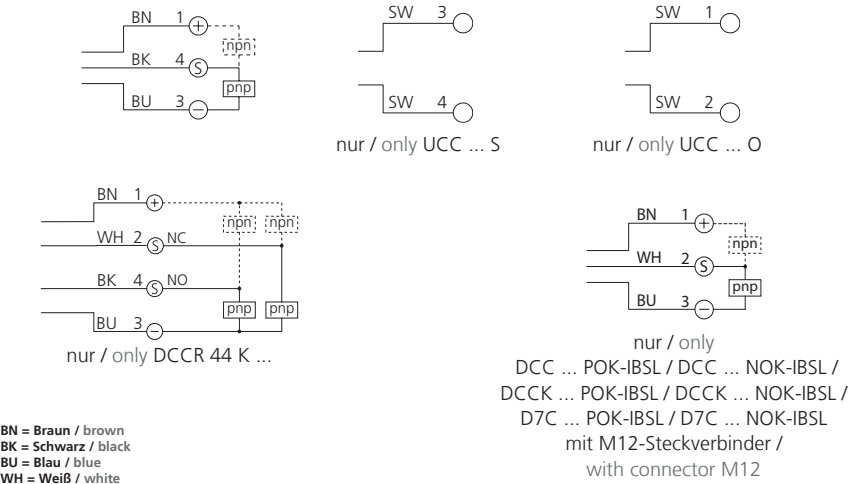
Operating distance **S_n** (ref. ST37)

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

Abbreviations

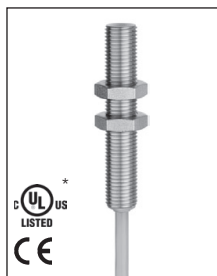
- S_n** = Nominal operating distance
- b** = Flush-fitted in metal
- nb** = Non flush-fitted in metal
- qb** = Quasi flush-fitted in metal
- VA** = Stainless steel
- Ms** = Brass nickel-plated
- Ks** = Plastic
- Al** = Anodized aluminium

Anschlussschema
Connection diagram

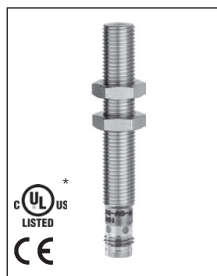


Technische Daten (typ.)	Technical data (typ.)	+20 °C, 24 VDC
Schaltabstand	Operating distance	
Normmessplatte	Standard measuring plate	
Betriebsspannung	Service voltage	
Ausgang / Ausgangsstrom	Output /output current	
Eigenstromaufnahme	Internal power consumption	
Spannungsfall	Voltage drop	
Schaltfrequenz	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)	

b 3 mm



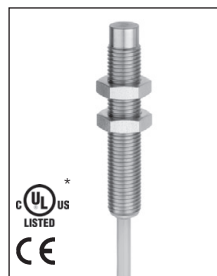
b 3 mm



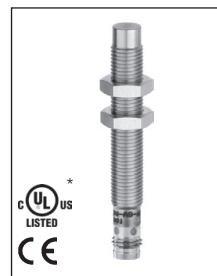
b 3 mm



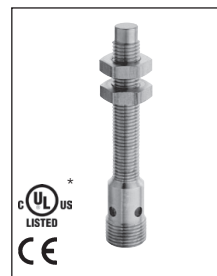
nb 6 mm



nb 6 mm

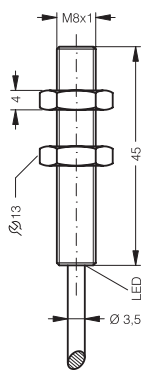


nb 6 mm



M8x1
Druckfest bis 100 bar
pressure resistant up
to 100 bar

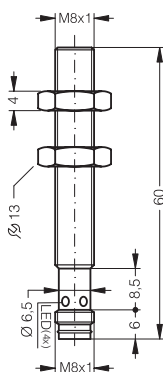
Einbauhinweise
siehe Seite 97 ⑤
Installation notes
see page 97 ⑤



mm (typ.)
CAD ⇨
www.di-soric.de

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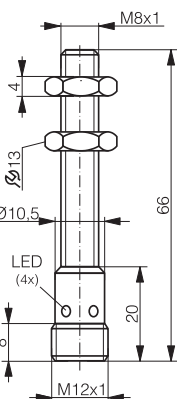
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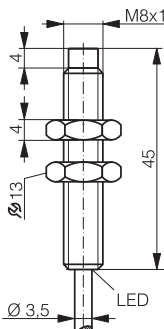
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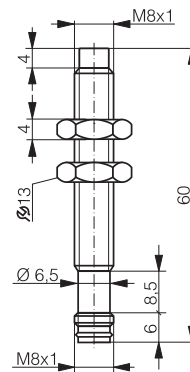
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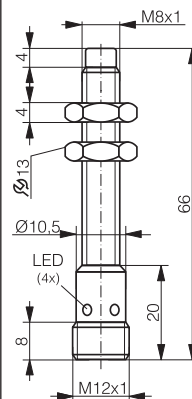
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mm (typ.)
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3 mm	3 mm	3 mm	6 mm	6 mm	6 mm
9 x 9 x 1 mm	9 x 9 x 1 mm	9 x 9 x 1 mm	18 x 18 x 1 mm	18 x 18 x 1 mm	18 x 18 x 1 mm
10...30VDC	10...30VDC	10...30VDC	10...30VDC	10...30VDC	10...30VDC
pnp / npn, 200 mA	pnp / npn, 200 mA	pnp / npn, 200 mA	pnp / npn, 200 mA	pnp / npn, 200 mA	pnp / npn, 200 mA
< 10 mA	< 10 mA	< 10 mA	< 10 mA	< 10 mA	< 10 mA
< 2,0 V	< 2,0 V	< 2,0 V	< 2,0 V	< 2,0 V	< 2,0 V
1.000 Hz	1.000 Hz	100 Hz	700 Hz	700 Hz	700 Hz
< 15 %	< 15 %	< 15 %	< 15 %	< 15 %	< 15 %
-25...+70 °C	-25...+70 °C	-25...+70 °C	-25...+70 °C	-25...+70 °C	-25...+70 °C
500 V	500 V	500 V	500 V	500 V	500 V
IP 68	IP 67	IP 67	IP 68	IP 67	IP 67
VA	VA	VA	VA	VA	VA
2,0 m, PUR	—	—	2,0 m, PUR	—	—

D7C 08 V 03 PSLK	D7C 08 V 03 PSK-TSL	D7C 08 V 03 PSK-IBSL	D7C 08 V 06 PSLK	D7C 08 V 06 PSK-TSL	D7C 08 V 06 PSK-IBSL
—	—	—	—	—	—
D7C 08 V 03 NSLK	D7C 08 V 03 NSK-TSL	D7C 08 V 03 NSK-IBSL	D7C 08 V 06 NSLK	D7C 08 V 06 NSK-TSL	D7C 08 V 06 NSK-IBSL
—	—	—	—	—	—
—	—	—	—	—	—
—	TK...	VK...	—	TK...	VK...
—	—	—	—	—	—