

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)

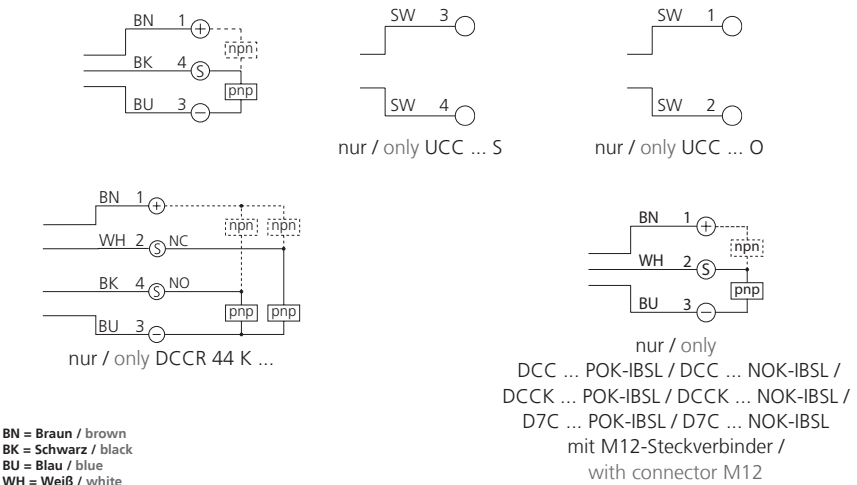
- Cable, highly flexible
- Metal plug
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED / ring- LED

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.)

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

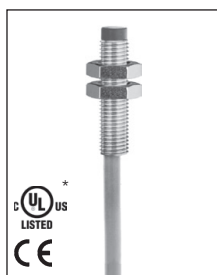
Output circuit acc. to NAMUR

Accessories

Connection cables (separate data-sheet)

Connection cables (separate data-sheet)

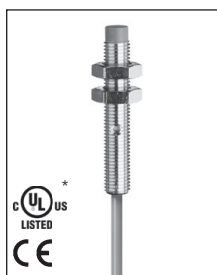
nb 4 mm



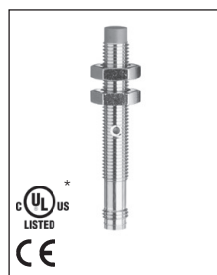
nb 4 mm



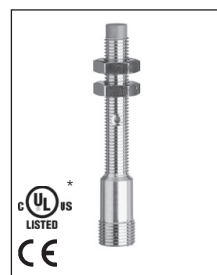
nb 6 mm



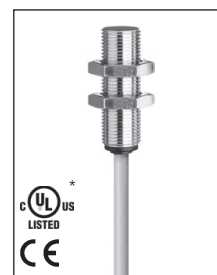
nb 6 mm



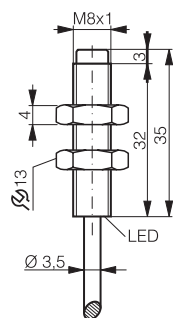
nb 6 mm



b 2 mm

**M8x1**

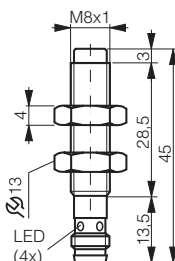
Einbauhinweise
siehe Seite 104 ^⑬
Installation notes
see page 104 ^⑬



mm (typ.)
CAD ⇄
www.di-soric.de

M8x1

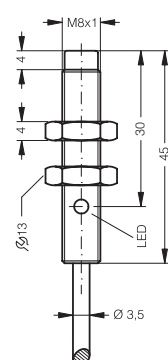
Einbauhinweise
siehe Seite 104 ^⑬
Installation notes
see page 104 ^⑬



mm (typ.)
CAD ⇄
www.di-soric.de

M8x1

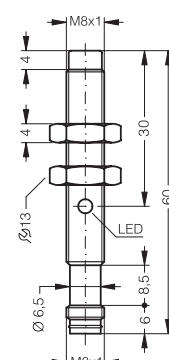
Einbauhinweise
siehe Seite 93 ^②
Installation notes
see page 93 ^②



mm (typ.)
CAD ⇄
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M8x1

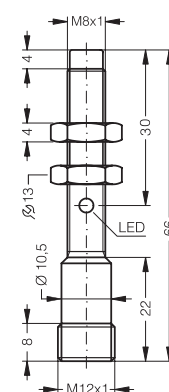
Einbauhinweise
siehe Seite 93 ^②
Installation notes
see page 93 ^②



mm (typ.)
CAD ⇄
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M8x1

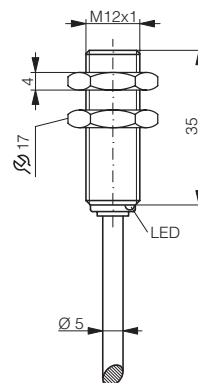
Einbauhinweise
siehe Seite 93 ^②
Installation notes
see page 93 ^②



mm (typ.)
CAD ⇄
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M12x1

Einbauhinweise
siehe Seite 91 ^①
Installation notes
see page 91 ^①



mm (typ.)
CAD ⇄
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4 mm	4 mm	6 mm	6 mm	6 mm	2 mm
12 x 12 x 1 mm	12 x 12 x 1 mm	18 x 18 x 1 mm	18 x 18 x 1 mm	18 x 18 x 1 mm	12 x 12 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
2.500 Hz	2.500 Hz	500 Hz	500 Hz	500 Hz	3.000 Hz
5 %	5 %	5 %	5 %	5 %	10 %
-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 67	IP 67	IP 67	IP 67	IP 67	IP 67
VA	VA	Ms	Ms	Ms	Ms
2,0 m, PVC	–	2,0 m, PVC	–	–	2,0 m, PVC

DCC 08 V 04NB PSLK	DCC 08 V 04NB PSK-TSL	DCC 08 M 06 PSLK	DCC 08 M 06 PSK-TSL	DCC 08 M 06 PSK-IBSL	DCCK 12 M 02 PSLK
DCC 08 V 04NB POLK	DCC 08 V 04NB POK-TSL	DCC 08 M 06 POLK	DCC 08 M 06 POK-TSL	DCC 08 M 06 POK-IBSL	DCCK 12 M 02 POLK
DCC 08 V 04NB NSLK	DCC 08 V 04NB NSK-TSL	DCC 08 M 06 NSLK	DCC 08 M 06 NSK-TSL	DCC 08 M 06 NSK-IBSL	DCCK 12 M 02 NSLK
DCC 08 V 04NB NOLK	DCC 08 V 04NB NOK-TSL	DCC 08 M 06 NOLK	DCC 08 M 06 NOK-TSL	DCC 08 M 06 NOK-IBSL	DCCK 12 M 02 NOLK
–	–	–	–	–	–
–	–	–	–	–	–
–	TK...	–	TK...	VK... (Schließer / NO)	–
–	–	–	–	VK.../4 (Öffner / NC)	–