

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

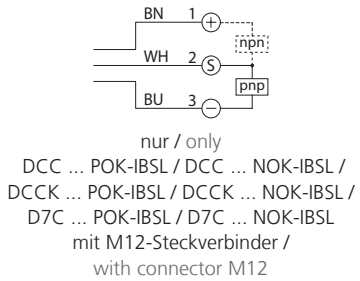
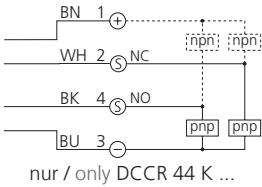
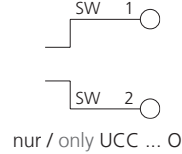
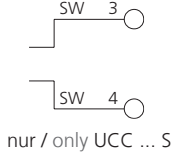
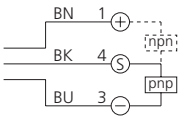
Operating distance S_n (ref. ST37)

- 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



- BN** = Braun / brown
BK = Schwarz / black
BU = Blau / blue
WH = Weiß / white

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

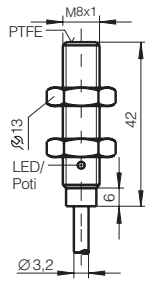
- Analog output
Output circuit acc. to NAMUR

Accessories

- Connection cables (separate data-sheet)
Connection cables (separate data-sheet)

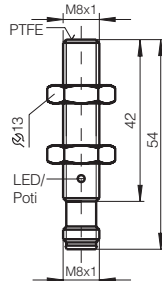
b 1,5 mm**b 1,5 mm****nb 3 mm****nb 3 mm****b 4 mm****b 4 mm**

M8x1
Einbauhinweise
siehe Seite 109 ¹⁰
Installation notes
see page 109 ¹⁰



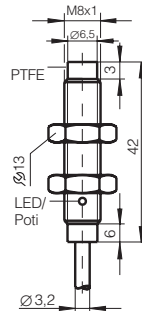
mm (typ.)
CAD ⇔
www.di-soric.de

M8x1
Einbauhinweise
siehe Seite 109 ¹⁰
Installation notes
see page 109 ¹⁰



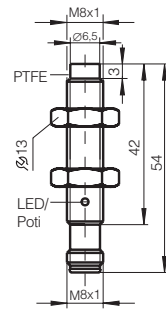
mm (typ.)
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M8x1
Einbauhinweise
siehe Seite 109 ¹⁰ ^B
Installation notes
see page 109 ¹⁰ ^B



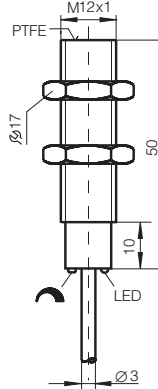
mm (typ.)
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M8x1
Einbauhinweise
siehe Seite 109 ¹⁰ ^B
Installation notes
see page 109 ¹⁰ ^B



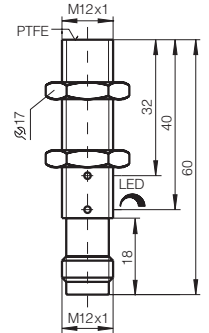
mm (typ.)
CAD ⇔
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M12x1
Einbauhinweise
siehe Seite 109 ¹⁰
Installation notes
see page 109 ¹⁰



mm (typ.)
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Einbauhinweise
siehe Seite 109 ¹⁰
Installation notes
see page 109 ¹⁰



mm (typ.)
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1,5 mm, einstellb./adjust.	1,5 mm, einstellb./adjust.	3 mm, einstellb. / adjust.	3 mm, einstellb. / adjust.	4 mm, einstellb. / adjust.	4 mm, einstellb. / adjust.
–	–	–	–	–	–
10...30VDC	10...30VDC	10...30VDC	10...30VDC	10...35VDC	10...35VDC
pnp / npn, 50 mA	pnp / npn, 50 mA	pnp / npn, 50 mA	pnp / npn, 50 mA	pnp / npn, 200 mA	pnp / npn, 200 mA
< 10 mA	< 10 mA	< 10 mA	< 10 mA	< 10 mA	< 10 mA
< 1,0 V	< 1,0 V	< 1,0 V	< 1,0 V	< 1,0 V	< 1,0 V
100 Hz	100 Hz	100 Hz	100 Hz	100 Hz	100 Hz
15 %	15 %	15 %	15 %	15 %	15 %
-10...+70 °C	-10...+70 °C	-10...+70 °C	-10...+70 °C	-30...+70 °C	-30...+70 °C
500 V	500 V	500 V	500 V	500 V	500 V
IP 65	IP 65	IP 65	IP 65	IP 65	IP 65
VA	VA	VA	VA	VA	VA
2,0 m, PUR	–	2,0 m, PUR	–	2,0 m, PUR	–

KDC 08 V 1.5 PSLK	KDC 08 V 1.5 PSK-TSL	KDC 08 V 03 PSLK	KDC 08 V 03 PSK-TSL	KDC 12 M 04 PSLK	KDC 12 M 04 PSK-IBSL
KDC 08 V 1.5 POLK	KDC 08 V 1.5 POK-TSL	KDC 08 V 03 POLK	KDC 08 V 03 POK-TSL	KDC 12 M 04 POLK	KDC 12 M 04 POK-IBSL
KDC 08 V 1.5 NSLK	KDC 08 V 1.5 NSK-TSL	KDC 08 V 03 NSLK	KDC 08 V 03 NSK-TSL	KDC 12 M 04 NSLK	KDC 12 M 04 NSK-IBSL
KDC 08 V 1.5 NOLK	KDC 08 V 1.5 NOK-TSL	KDC 08 V 03 NOLK	KDC 08 V 03 NOK-TSL	KDC 12 M 04 NOLK	KDC 12 M 04 NOK-IBSL
–	–	–	–	–	–
–	–	–	–	–	–
–	TK...	–	TK...	–	VK...
–	–	–	–	–	–