

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

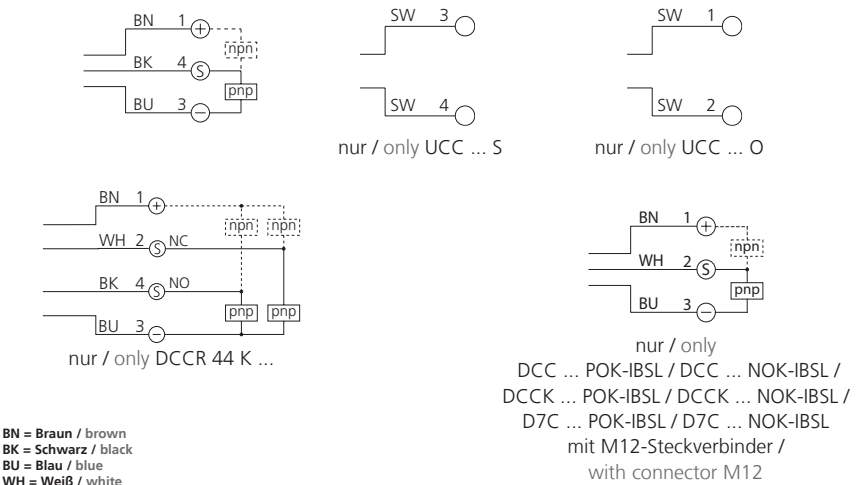
Operating distance S_n (ref. ST37)

- 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

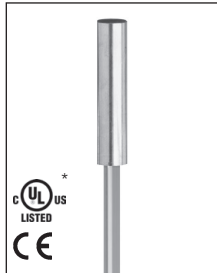
Output circuit acc. to NAMUR

Accessories

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

Induktive Näherungsschalter | Inductive proximity switches

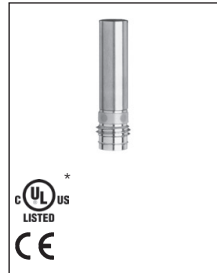
b 1,5 mm



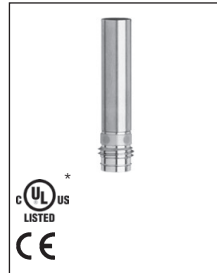
b 1,5 mm



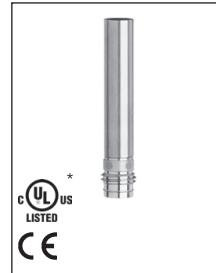
b 1,5 mm



b 1,5 mm



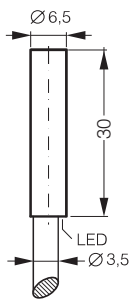
b 1,5 mm



b 1,5 mm

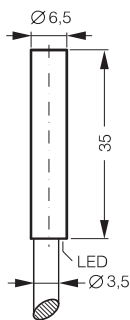


Ø 6,5 mm
Einbauhinweise
siehe Seite 91 ①
Installation notes
see page 91 ①



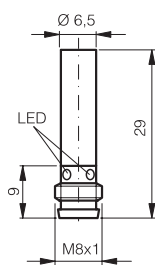
mm (typ.)
CAD ⇨
www.di-soric.de

Ø 6,5 mm
Einbauhinweise
siehe Seite 91 ①
Installation notes
see page 91 ①



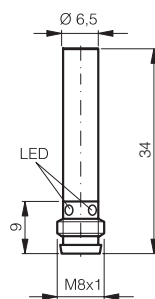
mm (typ.)
CAD ⇨
www.di-soric.de

Ø 6,5 mm
Einbauhinweise
siehe Seite 91 ①
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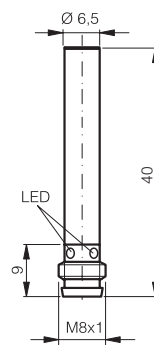
mm (typ.)
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Ø 6,5 mm
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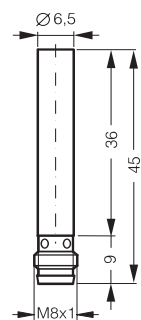
mm (typ.)
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mm (typ.)
CAD ⇨
www.di-soric.de

1,5 mm	1,5 mm	1,5 mm	1,5 mm	1,5 mm	1,5 mm
6,5 x 6,5 x 1 mm	6,5 x 6,5 x 1 mm	6,5 x 6,5 x 1 mm	6,5 x 6,5 x 1 mm	6,5 x 6,5 x 1 mm	6,5 x 6,5 x 1 mm
10 ... 30 VDC	10 ... 30 VDC	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	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
5.000 Hz	5.000 Hz	5.000 Hz	5.000 Hz	5.000 Hz	5.000 Hz
5 %	5 %	5 %	5 %	5 %	5 %
-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	VA	VA	VA	VA
2,0 m, PVC	2,0 m, PVC	–	–	–	–

DCC 6.5 V 1.5 PSLK/30	DCC 6.5 V 1.5 PSLK	DCCK 6.5 V 1.5 PSK-TSL	DCC 6.5 V 1.5 PSK-TSL/34	DCC 6.5 V 1.5 PSK-TSL/40	DCC 6.5 V 1.5 PSK-TSL
DCC 6.5 V 1.5 POLK/30	DCC 6.5 V 1.5 POLK	DCCK 6.5 V 1.5 POK-TSL	DCC 6.5 V 1.5 POK-TSL/34	DCC 6.5 V 1.5 POK-TSL/40	DCC 6.5 V 1.5 POK-TSL
DCC 6.5 V 1.5 NSLK/30	DCC 6.5 V 1.5 NSLK	DCCK 6.5 V 1.5 NSK-TSL	DCC 6.5 V 1.5 NSK-TSL/34	DCC 6.5 V 1.5 NSK-TSL/40	DCC 6.5 V 1.5 NSK-TSL
DCC 6.5 V 1.5 NOLK/30	DCC 6.5 V 1.5 NOLK	DCCK 6.5 V 1.5 NOK-TSL	DCC 6.5 V 1.5 NOK-TSL/34	DCC 6.5 V 1.5 NOK-TSL/40	DCC 6.5 V 1.5 NOK-TSL
–	–	–	–	–	–
–	–	–	–	–	–
–	–	TK ...	TK ...	TK ...	TK ...
–	–	–	–	–	–