

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

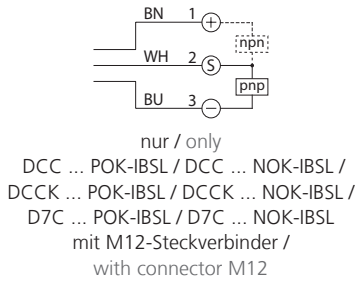
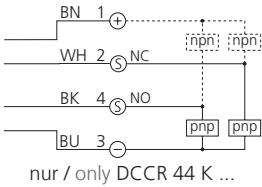
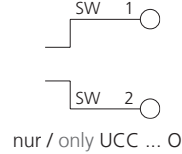
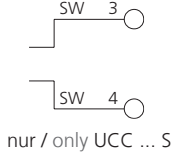
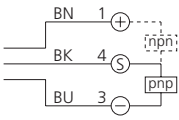
Operating distance S_n (ref. ST37)

- 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 |

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 |

Bestelltabelle

| | |
|------------------|--|
| DC pnp Schließer | |
| DC pnp Öffner | |
| DC npn Schließer | |
| DC npn Öffner | |

Purchase order table

| | |
|-----------|--|
| DC pnp NO | |
| DC pnp NC | |
| DC npn NO | |
| DC npn NC | |

- Analogausgang
- Ausgangsschaltung nach NAMUR

- Analog output
- Output circuit acc. to NAMUR

Zubehör

- Anschlusskabel (separates Datenblatt)
- Anschlusskabel (separates Datenblatt)

Accessories

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

Induktive Näherungsschalter | Inductive proximity switches

b 1,5 mm

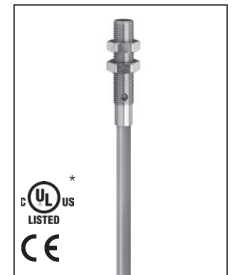
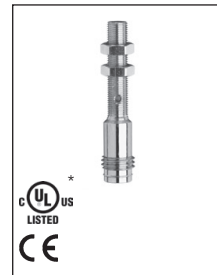
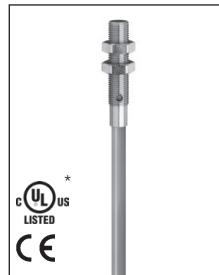
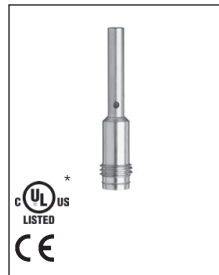
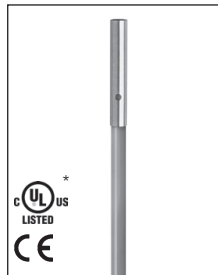
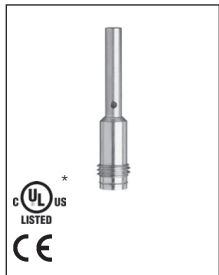
b 2,5 mm

b 2,5 mm

b 0,8 mm

b 0,8 mm

b 1,5 mm



Ø 4 mm
Einbauhinweise
siehe Seite 95 ③
Installation notes
see page 95 ③

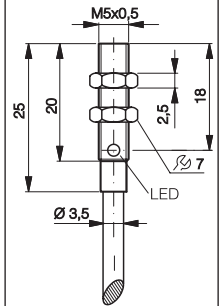
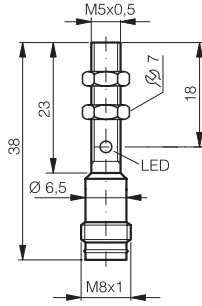
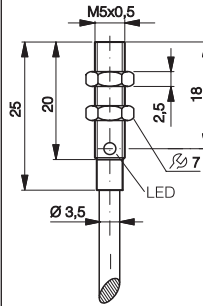
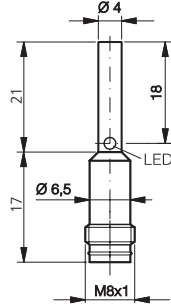
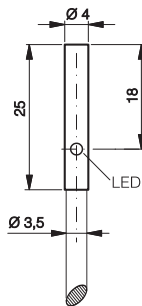
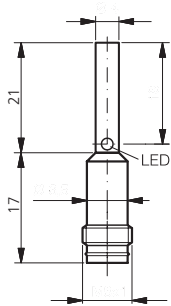
Ø 4 mm
Einbauhinweise
siehe Seite 93 ②
Installation notes
see page 93 ②

Ø 4 mm
Einbauhinweise
siehe Seite 93 ②
Installation notes
see page 93 ②

M5x0,5
Einbauhinweise
siehe Seite 91 ①
Installation notes
see page 91 ①

M5x0,5
Einbauhinweise
siehe Seite 91 ①
Installation notes
see page 91 ①

M5x0,5
Einbauhinweise
siehe Seite 95 ③
Installation notes
see page 95 ③



mm (typ.)
CAD ⇨
www.di-soric.de

mm (typ.)
CAD ⇨
www.di-soric.de

mm (typ.)
CAD ⇨
www.di-soric.de

mm (typ.)
CAD ⇨
www.di-soric.de

mm (typ.)
CAD ⇨
www.di-soric.de

mm (typ.)
CAD ⇨
www.di-soric.de

| | | | | | |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 1,5 mm | 2,5 mm | 2,5 mm | 0,8 mm | 0,8 mm | 1,5 mm |
| 4,5 x 4,5 x 1 mm | 7,5 x 7,5 x 1 mm | 7,5 x 7,5 x 1 mm | 5 x 5 x 1 mm | 5 x 5 x 1 mm | 5 x 5 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 |
| 3.000Hz | 800Hz | 800Hz | 5.000Hz | 5.000Hz | 3.000Hz |
| 5 % | 10 % | 10 % | 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 | - | 2,0 m, PVC |

| | | | | | |
|-----------------------|--------------------|-----------------------|-------------------|----------------------|-------------------|
| DCC 4.0 V 1.5 PSK-TSL | DCC 4.0 V 2.5 PSLK | DCC 4.0 V 2.5 PSK-TSL | DCC 05 M 0.8 PSLK | DCC 05 M 0.8 PSK-TSL | DCC 05 V 1.5 PSLK |
| DCC 4.0 V 1.5 POK-TSL | DCC 4.0 V 2.5 POLK | DCC 4.0 V 2.5 POK-TSL | DCC 05 M 0.8 POLK | DCC 05 M 0.8 POK-TSL | DCC 05 V 1.5 POLK |
| DCC 4.0 V 1.5 NSK-TSL | DCC 4.0 V 2.5 NSLK | DCC 4.0 V 2.5 NSK-TSL | DCC 05 M 0.8 NSLK | DCC 05 M 0.8 NSK-TSL | DCC 05 V 1.5 NSLK |
| DCC 4.0 V 1.5 NOK-TSL | DCC 4.0 V 2.5 NOLK | DCC 4.0 V 2.5 NOK-TSL | DCC 05 M 0.8 NOLK | DCC 05 M 0.8 NOK-TSL | DCC 05 V 1.5 NOLK |
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| TK... | - | TK... | - | TK... | - |
| - | - | - | - | - | - |