

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)

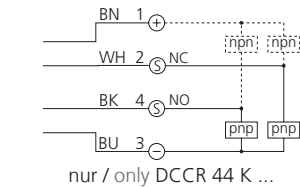
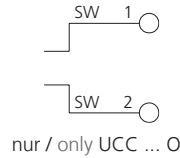
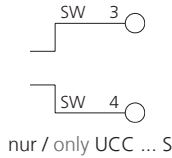
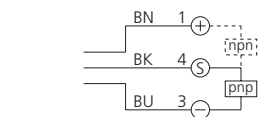
- Cable, highly flexible
- Metal plug
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED / ring- LED

Abbreviations

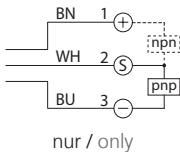
S_n = Nominal operating distance
b = Flush-fitted in metal
nb = Non flush-fitted in metal
qb = Quasi flush-fitted in metal
VA = Stainless steel
Ms = Brass nickel-plated
Ks = Plastic
Al = Anodized aluminium

Anschlussschema

Connection diagram



nur / only DCCR 44 K ...



nur / only

DCC ... POK-IBSL / DCC ... NOK-IBSL /
DCCK ... POK-IBSL / DCCK ... NOK-IBSL /
D7C ... POK-IBSL / D7C ... NOK-IBSL
mit M12-Steckverbinder /
with connector M12

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)

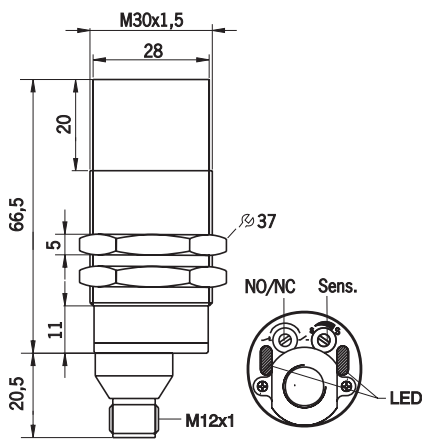
Kapazitive Näherungsschalter | Capacitive proximity switches

nb 30 mm



M30x1,5

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



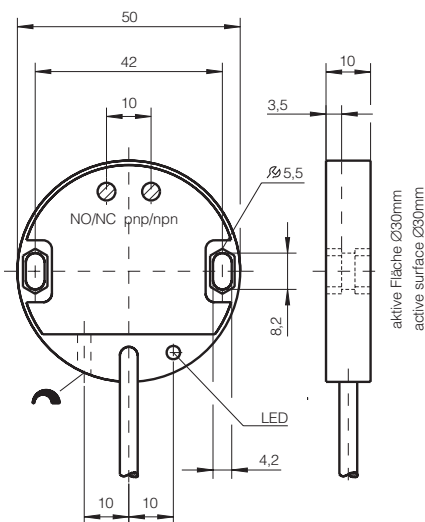
mm (typ.)
CAD ⇨
www.di-soric.de

b 25 mm



Ø 50 mm

Einbauhinweise siehe Seite 109 ¹⁰
Installation notes see page 109 ¹⁰



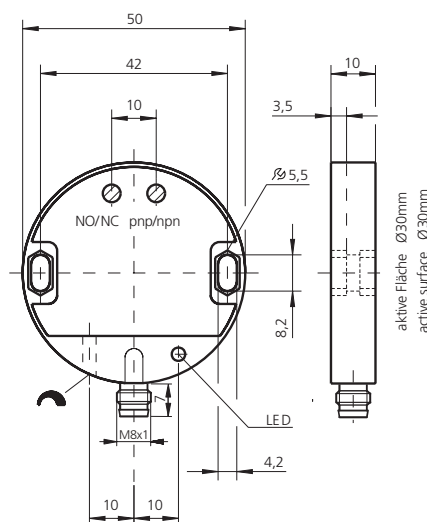
mm (typ.)
CAD ⇨
www.di-soric.de

b 25 mm



Ø 50 mm

Einbauhinweise siehe Seite 109 ¹⁰
Installation notes see page 109 ¹⁰



mm (typ.)
CAD ⇨
www.di-soric.de

30 mm, einstellbar / adjustable

–

10 ... 35 VDC

300 mA, NO/NC

< 10 mA

< 1,8 V

100 Hz

15 %

-30 ... +70 °C

500 V

IP 68 (frontseitig / front), IP 64 (rückseitig / rear)

Ks

–

KDC 30 K 30 PSOK-BSL (pnp)

–

KDC 30 K 30 NSOK-BSL (nnp)

–

–

–

VK ...

–

25 mm, einstellbar / adjustable

–

10 ... 30 VDC

150 mA, NO/NC

< 15 mA

< 2 V

50 Hz

3 ... 20 %

-30 ... +70 °C

500 V

IP 67

Ks

2,0 m, PUR

KDC 50 K 25 PNSOLK (pnp / npn)

–

–

–

–

–

–

25 mm, einstellbar / adjustable

–

10 ... 30 VDC

150 mA, NO/NC

< 15 mA

< 2 V

50 Hz

3 ... 20 %

-30 ... +70 °C

500 V

IP 65

Ks

–

KDC 50 K 25 PNSOK-TSL (pnp / npn)

–

–

–

–

TK ...

–