

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

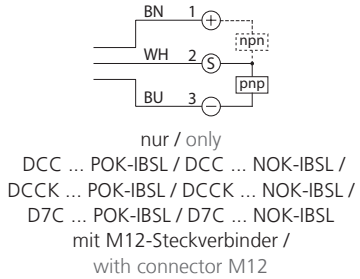
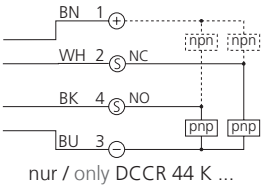
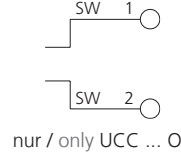
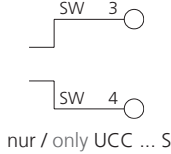
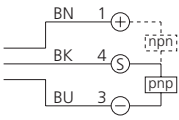
Operating distance S_n (ref. ST37)

- 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

qb 6 mm

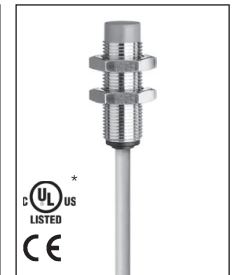
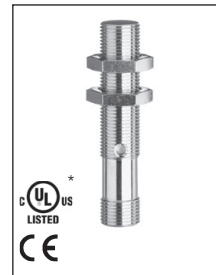
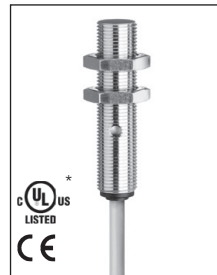
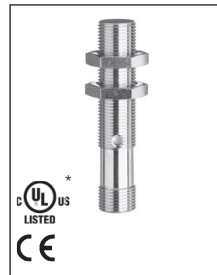
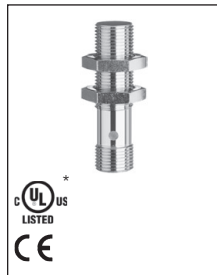
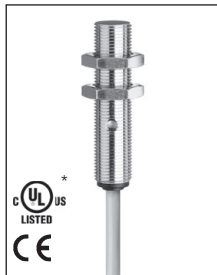
qb 6 mm

qb 6 mm

qb 8 mm

qb 8 mm

nb 10 mm



M12x1
Einbauhinweise siehe Seite 93 ②
Installation notes see page 93 ②

mm (typ.)
CAD ⇨
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mm (typ.)
CAD ⇨
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6 mm	6 mm	6 mm	8 mm	8 mm	10 mm
18 x 18 x 1 mm	18 x 18 x 1 mm	18 x 18 x 1 mm	32 x 32 x 1 mm	32 x 32 x 1 mm	30 x 30 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
800 Hz	800 Hz	800 Hz	300 Hz	300 Hz	400 Hz
5 %	5 %	5 %	10 %	10 %	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
Ms	Ms	Ms	Ms	Ms	Ms
2,0 m, PVC	-	-	2,0 m, PVC	-	2,0 m, PVC

DCC 12 M 06 PSLK	DCCK 12 M 06 PSK-IBSL	DCC 12 M 06 PSK-IBSL	DCC 12 M 08 PSLK	DCC 12 M 08 PSK-IBSL	DCCK 12 M 10 PSLK
DCC 12 M 06 POLK	DCCK 12 M 06 POK-IBSL	DCC 12 M 06 POK-IBSL	DCC 12 M 08 POLK	DCC 12 M 08 POK-IBSL	DCCK 12 M 10 POLK
DCC 12 M 06 NSLK	DCCK 12 M 06 NSK-IBSL	DCC 12 M 06 NSK-IBSL	DCC 12 M 08 NSLK	DCC 12 M 08 NSK-IBSL	DCCK 12 M 10 NSLK
DCC 12 M 06 NOLK	DCCK 12 M 06 NOK-IBSL	DCC 12 M 06 NOK-IBSL	DCC 12 M 08 NOLK	DCC 12 M 08 NOK-IBSL	DCCK 12 M 10 NOLK
-	-	-	-	-	-
-	-	-	-	-	-
-	VK... (Schließer / NO)	VK... (Schließer / NO)	-	VK... (Schließer / NO)	-
-	VK.../4 (Öffner / NC)	VK.../4 (Öffner / NC)	-	VK.../4 (Öffner / NC)	-