

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

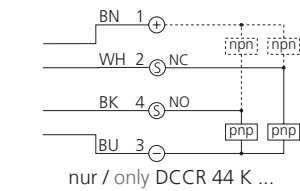
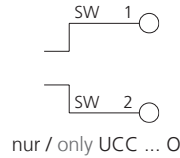
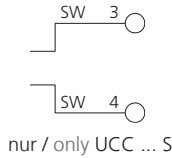
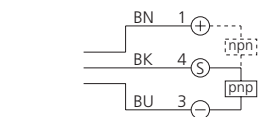
Operating distance S_n (ref. ST37)

- 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



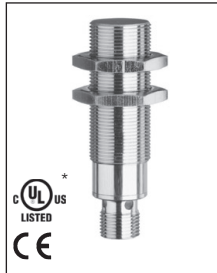
BN = Braun / brown
BK = Schwarz / black
BU = Blau / blue
WH = Weiß / white

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

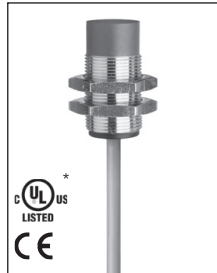
Technische Daten (typ.)	Technical data (typ.) +20 °C, 24 VDC
Schaltabstand	Operating distance
Normmessplatte	Standard measuring plate
Betriebsspannung	Service voltage
Ausgang / Ausgangsstrom	Output /output current
Eigenstromaufnahme	Internal power consumption
Spannungsfall	Voltage drop
Schaltfrequenz	Operating frequency
Schalthysterese	Switching hysteresis
Umgebungstemperatur	Ambient temperature
Isolationsspannungsfestigkeit	Insulation voltage endurance
Schutzart	Protection class
Gehäusematerial	Housing material
Kabel	Cable
Bestelltabelle	Purchase order table
DC pnp Schließer	DC pnp NO
DC pnp Öffner	DC pnp NC
DC npn Schließer	DC npn NO
DC npn Öffner	DC npn NC
Analogausgang	Analog output
Ausgangsschaltung nach NAMUR	Output circuit acc. to NAMUR
Zubehör	Accessories
Anschlusskabel (separates Datenblatt)	Connection cables (separate data-sheet)
Anschlusskabel (separates Datenblatt)	Connection cables (separate data-sheet)

Induktive Näherungsschalter | Inductive proximity switches

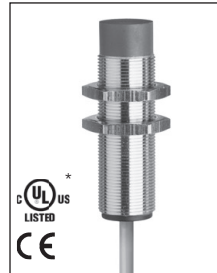
b 5 mm



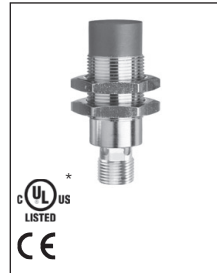
nb 8 mm



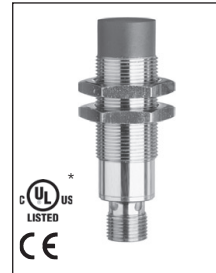
nb 8 mm



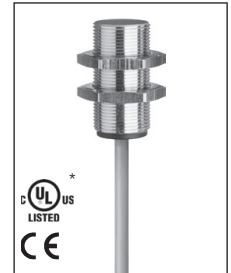
nb 8 mm



nb 8 mm

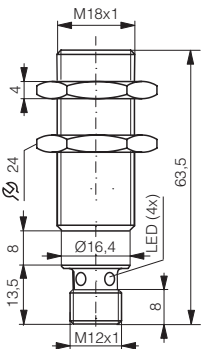


qb 8 mm



M18x1

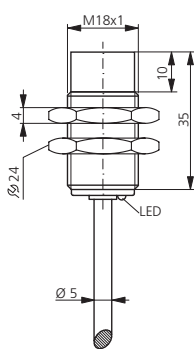
Einbauhinweise
siehe Seite 91 ①
Installation notes
see page 91 ①



mm (typ.)
CAD ⇨
www.di-soric.de

M18x1

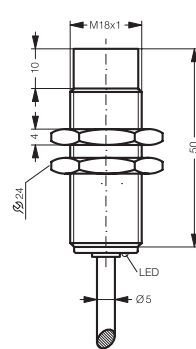
Einbauhinweise
siehe Seite 91 ①
Installation notes
see page 91 ①



mm (typ.)
CAD ⇨
www.di-soric.de

M18x1

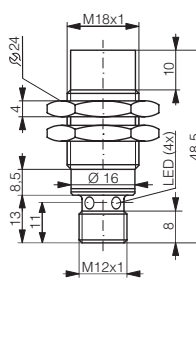
Einbauhinweise
siehe Seite 91 ①
Installation notes
see page 91 ①



mm (typ.)
CAD ⇨
www.di-soric.de

M18x1

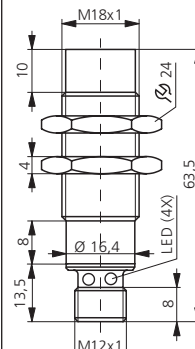
Einbauhinweise
siehe Seite 91 ①
Installation notes
see page 91 ①



mm (typ.)
CAD ⇨
www.di-soric.de

M18x1

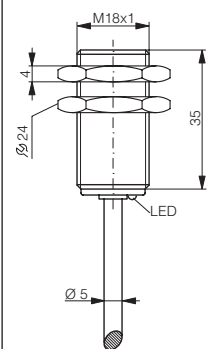
Einbauhinweise
siehe Seite 91 ①
Installation notes
see page 91 ①



mm (typ.)
CAD ⇨
www.di-soric.de

M18x1

Einbauhinweise
siehe Seite 95 ③
Installation notes
see page 95 ③



mm (typ.)
CAD ⇨
www.di-soric.de

5 mm	8 mm	8 mm	8 mm	8 mm	8 mm
18 x 18 x 1 mm	24 x 24 x 1 mm	24 x 24 x 1 mm	24 x 24 x 1 mm	24 x 24 x 1 mm	24 x 24 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
2.000 Hz	1.400 Hz	1.400 Hz	1.400 Hz	1.400 Hz	1.000 Hz
10 %	10 %	10 %	10 %	10 %	10 %
-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 18 M 05 PSK-IBSL	DCCK 18 M 08 PSLK	DCC 18 M 08 PSLK	DCCK 18 M 08 PSK-IBSL	DCC 18 M 08 PSK-IBSL	DCCK 18 M 08B PSLK
DCC 18 M 05 POK-IBSL	DCCK 18 M 08 POLK	DCC 18 M 08 POLK	DCCK 18 M 08 POK-IBSL	DCC 18 M 08 POK-IBSL	–
DCC 18 M 05 NSK-IBSL	DCCK 18 M 08 NSLK	DCC 18 M 08 NSLK	DCCK 18 M 08 NSK-IBSL	DCC 18 M 08 NSK-IBSL	DCCK 18 M 08B NSLK
DCC 18 M 05 NOK-IBSL	DCCK 18 M 08 NOLK	DCC 18 M 08 NOLK	DCCK 18 M 08 NOK-IBSL	DCC 18 M 08 NOK-IBSL	–
–	–	–	–	–	–
–	–	–	–	–	–

VK...	(Schließer / NO)	–	VK...	(Schließer / NO)	VK...	(Schließer / NO)	–
VK.../4	(Öffner / NC)	–	VK.../4	(Öffner / NC)	VK.../4	(Öffner / NC)	–