

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)

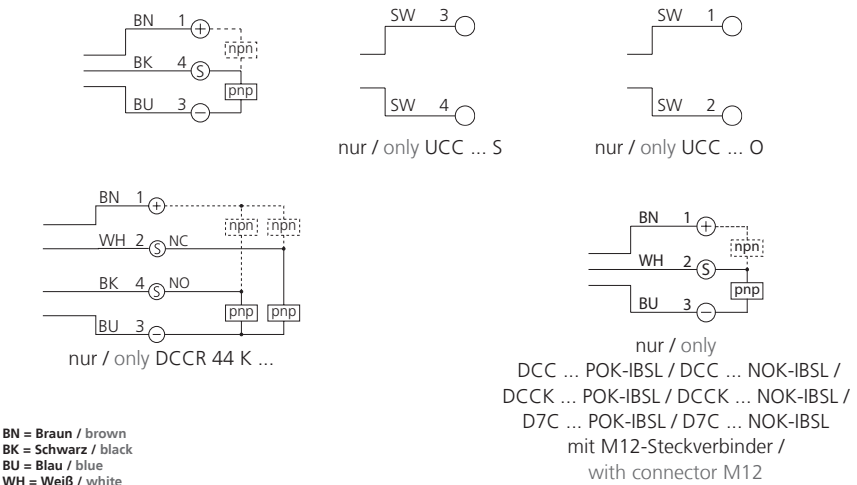
- Cable, highly flexible
- Metal plug
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED / ring- LED

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



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

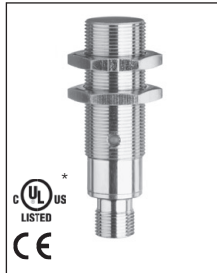
Accessories

Connection cables (separate data-sheet)

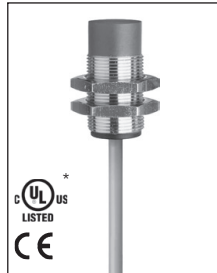
Connection cables (separate data-sheet)

Induktive Näherungsschalter | Inductive proximity switches

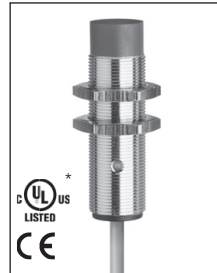
qb 12 mm



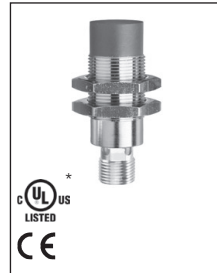
nb 20 mm



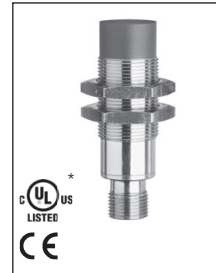
nb 20 mm



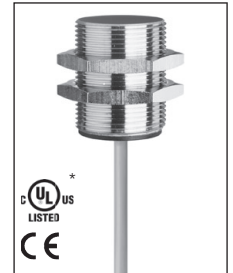
nb 20 mm



nb 20 mm

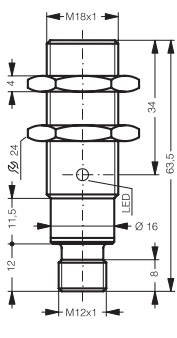


b 10 mm



M18x1

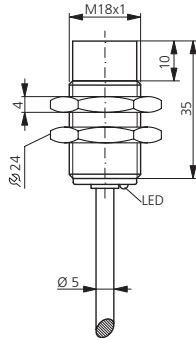
Einbauhinweise
siehe Seite 93 ②
Installation notes
see page 93 ②



mm (typ.)
CAD ⇨
www.di-soric.de

M18x1

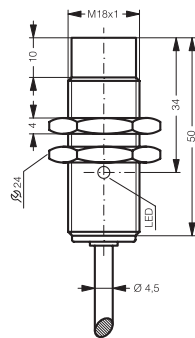
Einbauhinweise
siehe Seite 93 ②
Installation notes
see page 93 ②



mm (typ.)
CAD ⇨
www.di-soric.de

M18x1

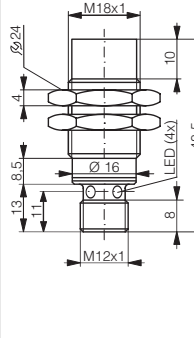
Einbauhinweise
siehe Seite 93 ②
Installation notes
see page 93 ②



mm (typ.)
CAD ⇨
www.di-soric.de

M18x1

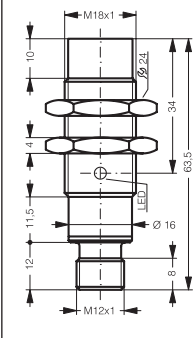
Einbauhinweise
siehe Seite 93 ②
Installation notes
see page 93 ②



mm (typ.)
CAD ⇨
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M18x1

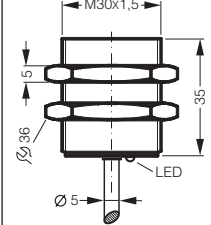
Einbauhinweise
siehe Seite 93 ②
Installation notes
see page 93 ②



mm (typ.)
CAD ⇨
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M30x1,5

Einbauhinweise
siehe Seite 91 ①
Installation notes
see page 91 ①



mm (typ.)
CAD ⇨
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12 mm	20 mm	20 mm	20 mm	20 mm	10 mm
36 x 36 x 1 mm	60 x 60 x 1 mm	60 x 60 x 1 mm	60 x 60 x 1 mm	60 x 60 x 1 mm	30 x 30 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
500 Hz	200 Hz	200 Hz	200 Hz	200 Hz	850 Hz
5 %	5 %	5 %	5 %	5 %	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 12 PSK-IBSL	DCCK 18 M 20 PSLK	DCC 18 M 20 PSLK	DCCK 18 M 20 PSK-IBSL	DCC 18 M 20 PSK-IBSL	DCCK 30 M 10 PSLK
DCC 18 M 12 POK-IBSL	DCCK 18 M 20 POLK	DCC 18 M 20 POLK	DCCK 18 M 20 POK-IBSL	DCC 18 M 20 POK-IBSL	DCCK 30 M 10 POLK
DCC 18 M 12 NSK-IBSL	DCCK 18 M 20 NSLK	DCC 18 M 20 NSLK	DCCK 18 M 20 NSK-IBSL	DCC 18 M 20 NSK-IBSL	DCCK 30 M 10 NSLK
DCC 18 M 12 NOK-IBSL	DCCK 18 M 20 NOLK	DCC 18 M 20 NOLK	DCCK 18 M 20 NOK-IBSL	DCC 18 M 20 NOK-IBSL	DCCK 30 M 10 NOLK

–	–	–	–	–	–
–	–	–	–	–	–

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