

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

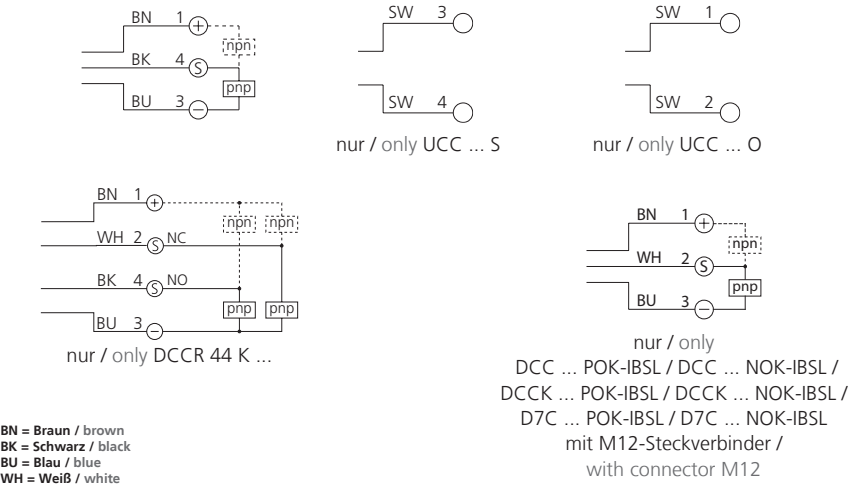
Operating distance **S_n** (ref. ST37)

- 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

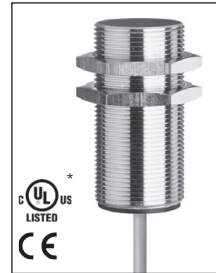
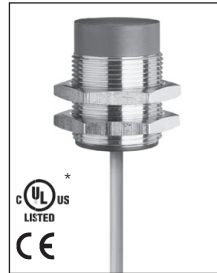
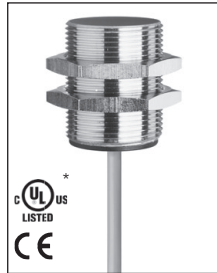
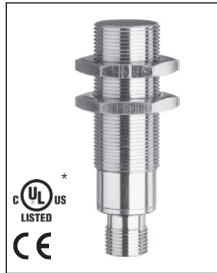
Anschlusschema
Connection diagram



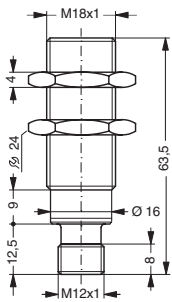
Technische Daten (typ.)		Technical data (typ.) +20 °C, 24 VDC	
Schaltabstand		Operating distance	
Normmessplatte		Standard measuring plate	
Betriebsspannung		Service voltage	
Ausgang / Ausgangsstrom		Output /output current	
Eigenstromaufnahme		Internal power consumption	
Spannungsfall		Voltage drop	
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 mit Analogausgang Inductive proximity switches with analog output

qb 0 ... 10 mm qb 0 ... 20 mm qb 0 ... 20 mm nb 0 ... 40 mm qb 0 ... 20 mm qb 0 ... 20 mm

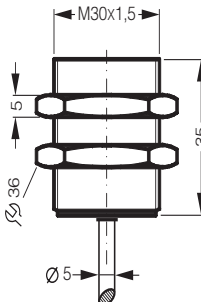


M18x1 analog
0 ... 10 V / 4 ... 20 mA
Einbauhinweise
siehe Seite 101 ⑨
Installation notes
see page 101 ⑨



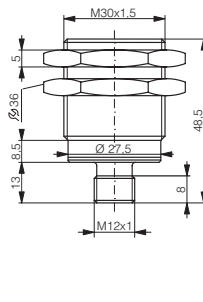
mm (typ.)
CAD ⇨
www.di-soric.de

M30x1,5 analog
0 ... 10 V / 4 ... 20 mA
Einbauhinweise
siehe Seite 101 ⑨
Installation notes
see page 101 ⑨



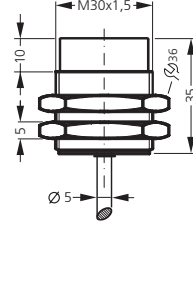
mm (typ.)
CAD ⇨
www.di-soric.de

M30x1,5 analog
0 ... 10 V / 4 ... 20 mA
Einbauhinweise
siehe Seite 101 ⑨
Installation notes
see page 101 ⑨



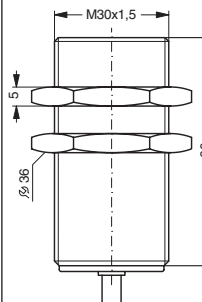
mm (typ.)
CAD ⇨
www.di-soric.de

M30x1,5 analog
0 ... 10 V / 4 ... 20 mA
Einbauhinweise
siehe Seite 101 ⑨
Installation notes
see page 101 ⑨



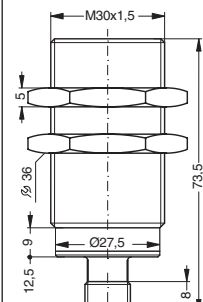
mm (typ.)
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M30x1,5 analog
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mm (typ.)
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M30x1,5 analog
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mm (typ.)
CAD ⇨
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0 ... 10 mm	0 ... 20 mm	0 ... 20 mm	0 ... 40 mm	0 ... 20 mm	0 ... 20 mm
30 x 30 x 1 mm	60 x 60 x 1 mm	60 x 60 x 1 mm	120 x 120 x 1 mm	60 x 60 x 1 mm	60 x 60 x 1 mm
15 ... 30 VDC	15 ... 30 VDC	15 ... 30 VDC	15 ... 30 VDC	15 ... 30 VDC	15 ... 30 VDC
–	–	–	–	–	–
< 12 mA	< 12 mA	< 12 mA	< 12 mA	< 12 mA	< 12 mA
–	–	–	–	–	–
500 Hz	500 Hz	500 Hz	100 Hz	500 Hz	500 Hz
–	–	–	–	–	–
-25 ... +45 °C	-25 ... +45 °C	-25 ... +45 °C	-25 ... +70 °C	-25 ... +45 °C	-25 ... +45 °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, PUR	–	2,0 m, PUR	2,0 m, PUR	–
–	–	–	–	–	–
–	–	–	–	–	–
–	–	–	–	–	–
DCC 18 M 10/10 AIK-IBS	DCCK 30 M 20/10 AIK	DCCK 30 M 20/10 AIK-IBS	DCCK 30 M 40/10 AIK	DCC 30 M 20/10 AIK	DCC 30 M 20/10 AIK-IBS
–	–	–	–	–	–
VK .../4	–	VK .../4	–	–	VK .../4
–	–	–	–	–	–