

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

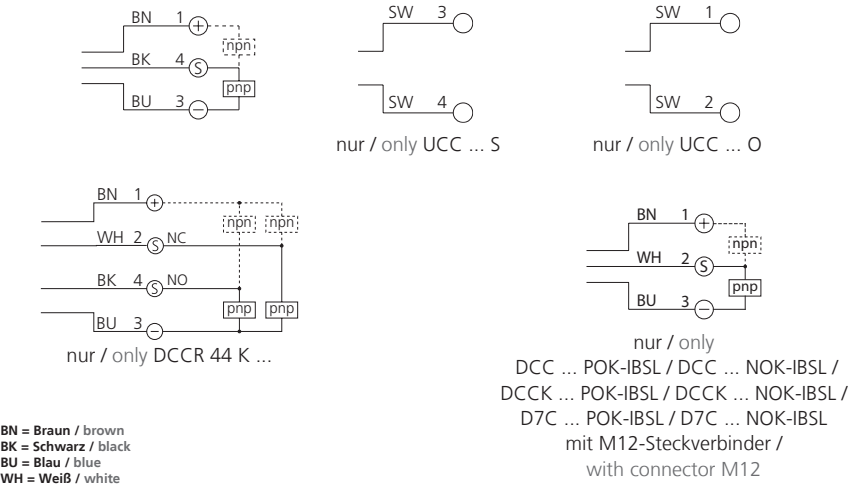
Operating distance **S_n** (ref. ST37)

- 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

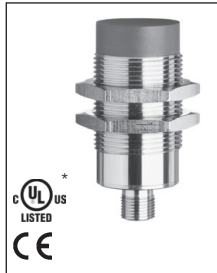
Anschlusschema
Connection diagram



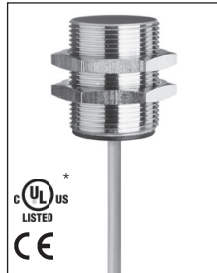
Technische Daten (typ.)			Technical data (typ.) +20 °C, 24 VDC		
Schaltabstand			Operating distance		
Normmessplatte			Standard measuring plate		
Betriebsspannung			Service voltage		
Ausgang / Ausgangsstrom			Output /output current		
Eigenstromaufnahme			Internal power consumption		
Spannungsfall			Voltage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

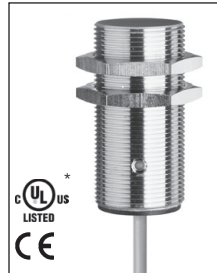
nb 15 mm



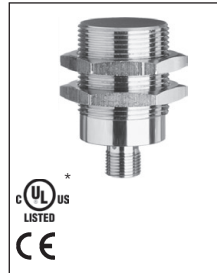
qb 22 mm



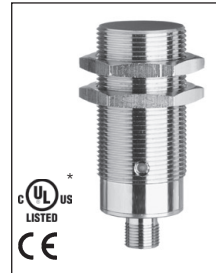
qb 22 mm



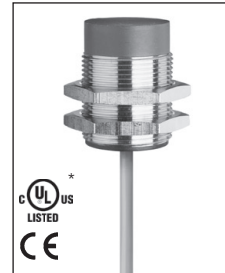
qb 22 mm



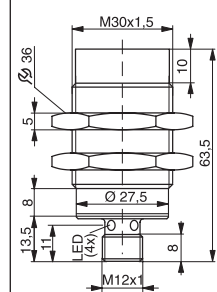
qb 22 mm



nb 40 mm

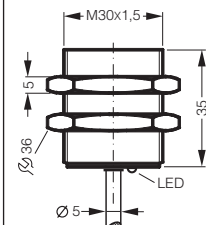


M30x1,5
Einbauhinweise
siehe Seite 91 ①
Installation notes
see page 91 ①



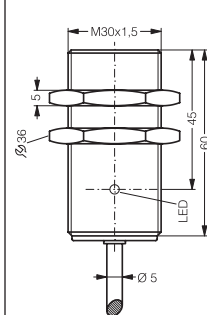
mm (typ.)
CAD ⇨
www.di-soric.de

M30x1,5
Einbauhinweise
siehe Seite 93 ②
Installation notes
see page 93 ②



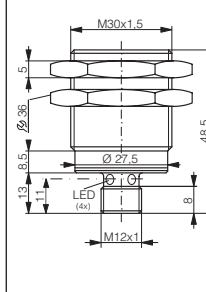
mm (typ.)
CAD ⇨
www.di-soric.de

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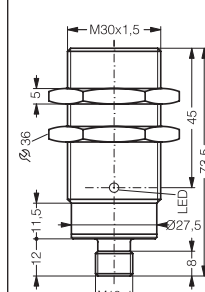
mm (typ.)
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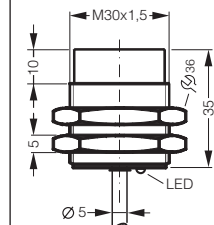
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mm (typ.)
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15 mm	22 mm	22 mm	22 mm	22 mm	40 mm
45 x 45 x 1 mm	66 x 66 x 1 mm	66 x 66 x 1 mm	66 x 66 x 1 mm	66 x 66 x 1 mm	120 x 120 x 1 mm
10 ... 30 VDC	10 ... 30 VDC	10 ... 30 VDC	10 ... 30 VDC	10 ... 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
850 Hz	200 Hz	200 Hz	200 Hz	200 Hz	100 Hz
10 %	5 %	5 %	5 %	5 %	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 30 M15 PSK-IBSL	DCCK 30 M 22 PSLK	DCC 30 M 22 PSLK	DCCK 30 M 22 PSK-IBSL	DCC 30 M 22 PSK-IBSL	DCCK 30 M 40 PSLK
DCC 30 M15 POK-IBSL	DCCK 30 M 22 POLK	DCC 30 M 22 POLK	DCCK 30 M 22 POK-IBSL	DCC 30 M 22 POK-IBSL	DCCK 30 M 40 POLK
DCC 30 M15 NSK-IBSL	DCCK 30 M 22 NSLK	DCC 30 M 22 NSLK	DCCK 30 M 22 NSK-IBSL	DCC 30 M 22 NSK-IBSL	DCCK 30 M 40 NSLK
DCC 30 M15 NOK-IBSL	DCCK 30 M 22 NOLK	DCC 30 M 22 NOLK	DCCK 30 M 22 NOK-IBSL	DCC 30 M 22 NOK-IBSL	DCCK 30 M 40 NOLK

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