

Druckfeste induktive Näherungsschalter

Pressure resistant inductive proximity switches

Druckfeste Ausführung bis 20 bar
Hochdruckfeste Ausführung bis 500 bar
Edelstahl-Gehäuse
Aktive Fläche Saphir, ZrO₂- oder Al₂O₃-Keramik

Pressure resistant version up to 20 bar
High-pressure resistant version up to 500 bar
Stainless steel housing
Sensing surface sapphire, ZrO₂- or Al₂O₃-ceramic

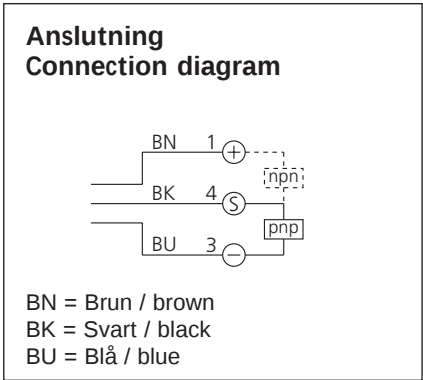
Myket flexibel kabel
Metalkontakt
Integrerad förstärkare
Kortslutningsskydd
Utgångsfördröjning
LED / ring-LED

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

Förkortningar

S_n = Förkortningar
b = Skärmad utförande
nb = Oskärmad utförande
VA = Rostfritt stål
Ms = Föniklad mässing
Ks = Plast

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



Abbreviations

S_n = Nominal operating distance
b = flush-fitted in metal
nb = non flush-fitted in metal
VA = stainless steel
Ms = brass nickel-plated
Ks = Plastic

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The type designations of the high performance program are printed in blue.

Tekniska Data	Technical data
för + 20 °C, 24 V DC	at + 20 °C, 24 V DC
Avkänningsavstånd	Operating distance
Matningsspänning	Service voltage
Belastningsström	Maximum rating
Egen förbrukning	Internal power consumption
Spänningsfall	Voltage drop
Omkopplingfrekvens	Operating frequency
Hysters	Switching hysteresis
Temperaturområde	Ambient temperature
Isolationsspänning	Insulation voltage endurance
Skyddsklass	Protection class
Kapplingsmaterial	Housing material
Kabel	Cable
Bestelltabelle	Purchase order table
DC pnp Öppen	DC pnp NO
DC pnp Stängd	DC pnp NC
DC npn Öppen	DC npn NO
DC npn Stängd	DC npn NC
Tillbehör	Accessory
Anslutningskabel (se separat datanblad)	Connection cables (separate data-sheet)

b 1,5 mm



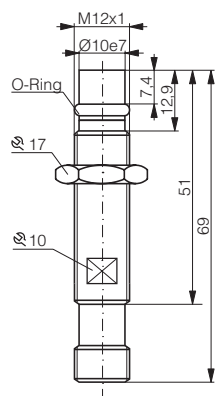
b 1,5 mm



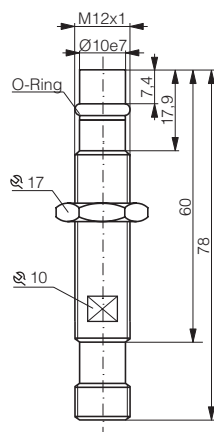
b 1,5 mm



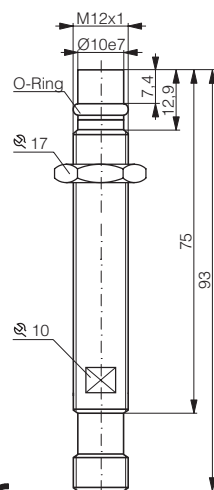
b 1,5 mm

**M12 x 1
500 bar, IP 68**Einbauhinweise ⑦
Installation notes

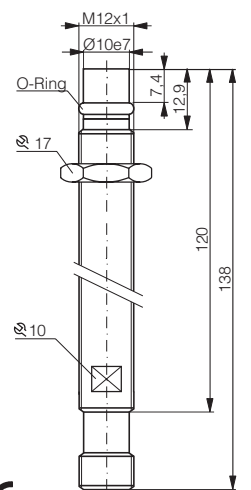
mm

**M12 x 1
500 bar, IP 68**Einbauhinweise ⑦
Installation notes

mm

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Installation notes

mm

**M12 x 1
500 bar, IP 68**Einbauhinweise ⑦
Installation notes

mm

1,5 mm

10 x 10 x 1 mm

10...30 V DC

200 mA

< 10 mA

< 2 V

2 kHz

10 % typ.

-25...+70°C

500 V

IP 68

VA / Al₂O₃-Keramik

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VA / Al₂O₃-Keramik

—

DCC 12 V 1,5 PSK-IBSL 500/69

—

DCC 12 V 1,5 NSK-IBSL 500/69

—

VK...

—

DCC 12 V 1,5 PSK-IBSL 500/78

—

—

—

VK...

—

DCC 12 V 1,5 PSK-IBSL 500/93

—

—

DCC 12 V 1,5 NSK-IBSL 500/93

—

VK...

—

DCC 12 V 1,5 PSK-IBSL 500/138

—

—

DCC 12 V 1,5 NSK-IBSL 500/138

—

VK...

—

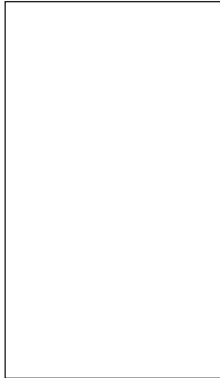
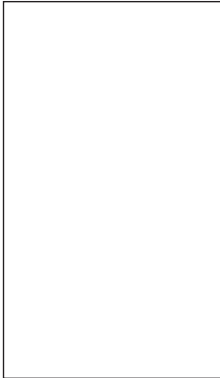
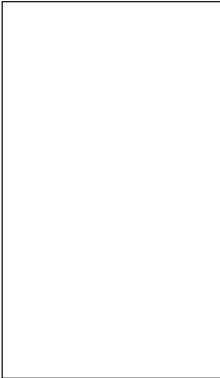
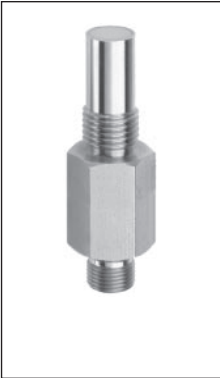
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Pressure resistant inductive proximity switches

b 3 mm



b 3 mm



M14 x 1,5

500 bar, IP 68

Einbauhinweise

Installation notes

CE

mm

M14 x 1,5

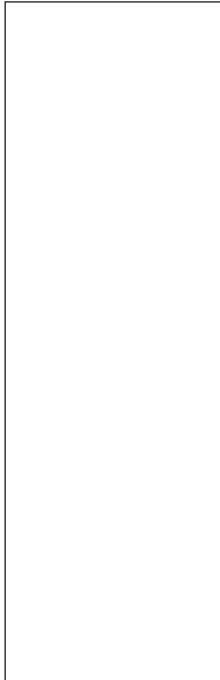
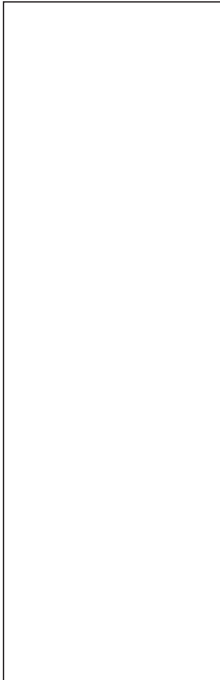
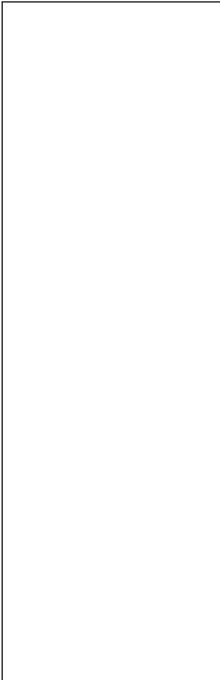
500 bar, IP 68

Einbauhinweise

Installation notes

CE

mm



3 mm	3 mm
14 x 14 x 1 mm	14 x 14 x 1 mm
10...30 V DC	10...30 V DC
200 mA	200 mA
< 10 mA	< 10 mA
< 2 V	< 2 V
500 Hz	500 Hz
10 % typ.	10 % typ.
-25...+70°C	-25...+70°C
500 V	500 V
IP 68	IP 68
VA / Al ₂ O ₃ -Keramik	VA / Al ₂ O ₃ -Keramik
2 m, PUR	–

DCC 14 V 03 PSK 500	DCC 14 V 03 PSK 500-IBS
–	–
DCC 14 V 03 NSK 500	DCC 14 V 03 NSK 500-IBS
–	–

–	VK...
–	–