

Mycket flexibel kabel
Metallkontakt
Integrerad förstärkare
Kortslutningsskydd
Utgångsfördröjning
LED / ring-LED

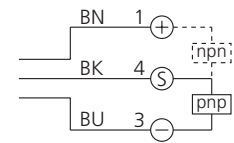
Cable, highly flexible
Metal plug
Integrated amplifier
Short-circuit protection
Starting pulse suppression
LED / ring- LED

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)

Anslutning Connection diagram



BN = Brun / brown
BK = Svart / black
BU = Blå / blue

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

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
Omkopplingsfrekvens	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)

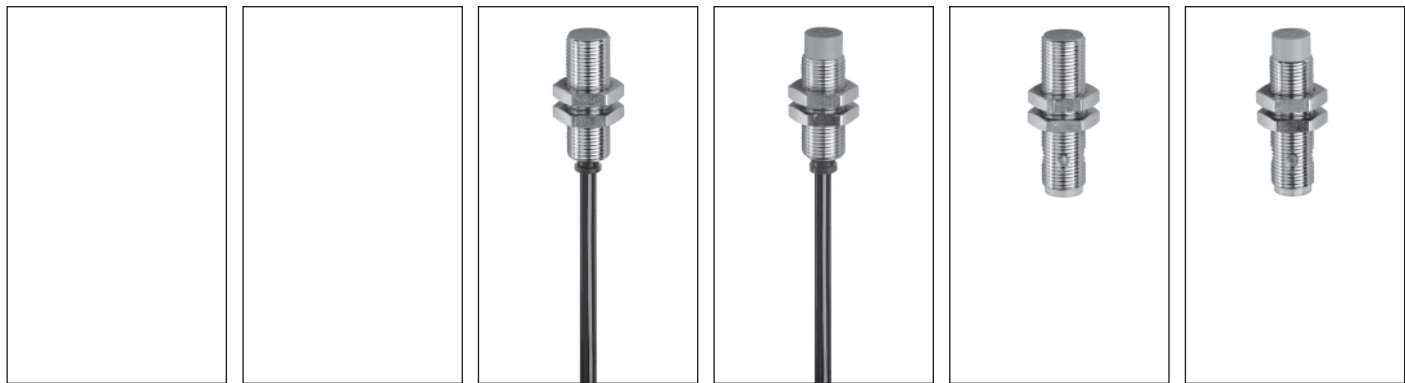
Induktiva givare Inductive proximity switches

b 2 mm

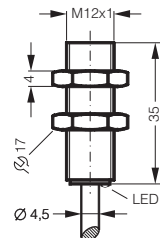
nb 4 mm

b 2 mm

nb 4 mm

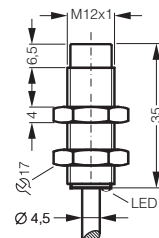


M12 x 1
Anm. / notes
1b, 3b, 7



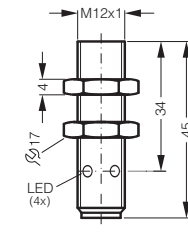
CE mm

M12 x 1
Anm. / notes
1b, 2b, 3a, 7



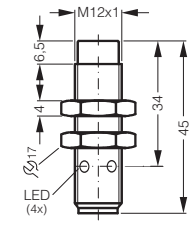
CE mm

M12 x 1
Anm. / notes
1b, 3b, 7



CE mm

M12 x 1
Anm. / notes
1b, 2b, 3a, 7



CE mm

2 mm	4 mm	2 mm	4 mm
15...34 V DC	15...34 V DC	15...34 V DC	15...34 V DC
200 mA	200 mA	200 mA	200 mA
< 17 mA	< 17 mA	< 17 mA	< 17 mA
< 2,5 V	< 2,5 V	< 2,5 V	< 2,5 V
1,2 kHz	800 Hz	1,2 kHz	800 Hz
5 % typ.	5 % typ.	5 % typ.	5 % typ.
-25...+85°C	-25...+85°C	-25...+85°C	-25...+85°C
500 V	500 V	500 V	500 V
IP 67	IP 67	IP 67	IP 67
Ms	Ms	Ms	Ms
2 m, PUR	2 m, PUR	–	–

DCCK 12 M 02 PSLK	DCCK 12 M 04 PSLK	DCCK 12 M 02 PSK-IBSL	DCCK 12 M 04 PSK-IBSL
DCCK 12 M 02 PÖLK	DCCK 12 M 04 PÖLK	–	–
DCCK 12 M 02 NSLK	DCCK 12 M 04 NSLK	DCCK 12 M 02 NSK-IBSL	DCCK 12 M 04 NSK-IBSL
DCCK 12 M 02 NÖLK	DCCK 12 M 04 NÖLK	–	–

– – VK... VK...

b 4 mm



b 4 mm



b 2 mm



nb 4 mm



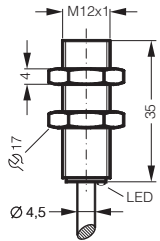
b 2 mm



nb 4 mm

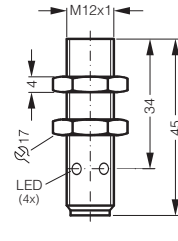


M12 x 1
Anm. / notes
1b, 3b, 7



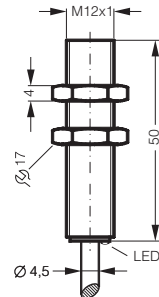
CE mm

M12 x 1
Anm. / notes
1b, 3b, 7



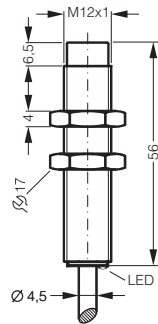
CE mm

M12 x 1
Anm. / notes
1b, 3b, 7



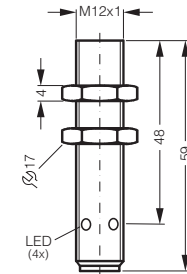
CE mm

M12 x 1
Anm. / notes
1b, 2b, 3a, 7



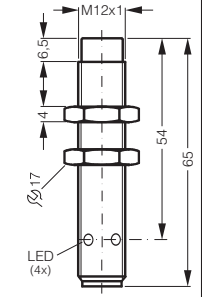
CE mm

M12 x 1
Anm. / notes
1b, 3b, 7



CE mm

M12 x 1
Anm. / notes
1b, 2b, 3a, 7



CE mm

Aktuelle Daten im Internet / see Internet for latest information

4 mm	4 mm	2 mm	4 mm	2 mm	4 mm
15...34 V DC	15...34 V DC	15...34 V DC	15...34 V DC	15...34 V DC	15...34 V DC
200 mA	200 mA	200 mA	200 mA	200 mA	200 mA
< 17 mA	< 17 mA	< 17 mA	< 17 mA	< 17 mA	< 17 mA
< 2,5 V	< 2,5 V	< 2,5 V	< 2,5 V	< 2,5 V	< 2,5 V
800 Hz	800 Hz	1,2 kHz	800 Hz	1,2 kHz	800 Hz
5 % typ.	5 % typ.	5 % typ.	5 % typ.	5 % typ.	5 % typ.
-25...+85°C	-25...+85°C	-25...+85°C	-25...+85°C	-25...+85°C	-25...+85°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 m, PUR	—	2 m, PUR	2 m, PUR	—	—

DCCK 12 M 04B PSLK	DCCK 12 M 04B PSK-IBSL	DCC 12 M 02 PSLK	DCC 12 M 04 PSLK	DCC 12 M 02 PSK-IBSL	DCC 12 M 04 PSK-IBSL
—	—	DCC 12 M 02 PÖLK	DCC 12 M 04 PÖLK	—	—
—	—	DCC 12 M 02 NSLK	DCC 12 M 04 NSLK	DCC 12 M 02 NSK-IBSL	DCC 12 M 04 NSK-IBSL
—	—	DCC 12 M 02 NÖLK	DCC 12 M 04 NÖLK	—	—

— VK... — — VK... VK...

Induktiva givare Inductive proximity switches

b 4 mm



b 4 mm



b 6 mm



nb 10 mm



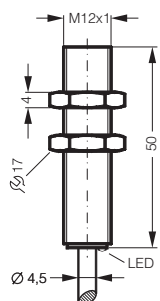
b 6 mm



nb 10 mm

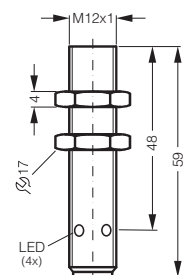


M12 x 1
Anm. / notes
1b, 3b, 7



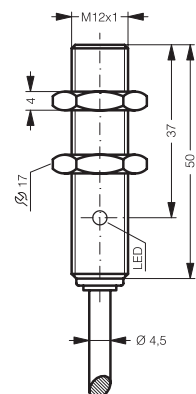
CE mm

M12 x 1
Anm. / notes
1b, 3b, 7



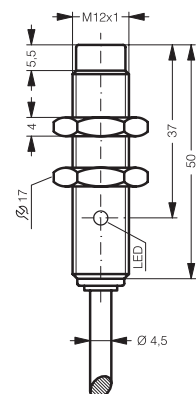
CE mm

M12 x 1
Anm. / notes
1a, 3b, 4, 5, 6c



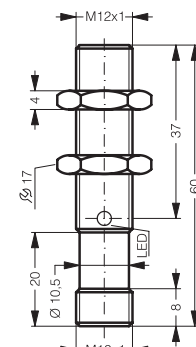
CE mm

M12 x 1
Anm. / notes
1a, 2a, 3a, 6d



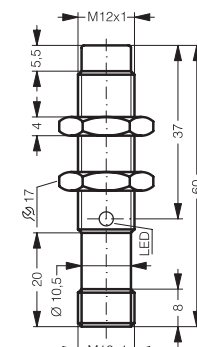
CE mm

M12 x 1
Anm. / notes
1a, 3b, 4, 5, 6c



CE mm

M12 x 1
Anm. / notes
1a, 2a, 3a, 6d



CE mm

4 mm	4 mm	6 mm	10 mm	6 mm	10 mm
15...34 V DC	15...34 V DC	10...30 V DC	10...30 V DC	10...30 V DC	10...30 V DC
200 mA	200 mA	200 mA	200 mA	200 mA	200 mA
< 17 mA	< 17 mA	< 10 mA	< 10 mA	< 10 mA	< 10 mA
< 2,5 V	< 2,5 V	< 2,0 V	< 2 V	< 2 V	< 2 V
800 Hz	800 Hz	800 Hz	400 Hz	800 Hz	400 Hz
5 % typ.	5 % typ.	5 % typ.	5 % typ.	5 % typ.	5 % typ.
-25...+85°C	-25...+85°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 m, PUR	—	2 m, PVC	2 m, PVC	—	—

DCC 12 M 04B PSLK	DCC 12 M 04B PSK-IBSL	DCC 12 M 06 PSLK	DCC 12 M 10 PSLK	DCC 12 M 06 PSK-IBSL	DCC 12 M 10 PSK-IBSL
—	—	DCC 12 M 06 PÖLK	DCC 12 M 10 PÖLK	—	—
—	—	DCC 12 M 06 NSLK	DCC 12 M 10 NSLK	DCC 12 M 06 NSK-IBSL	DCC 12 M 10 NSK-IBSL
—	—	DCC 12 M 06 NÖLK	DCC 12 M 10 NÖLK	—	—

—	VK...	—	—	VK...	VK...
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Induktiva givare Inductive proximity switches

b 4 mm



b 4 mm



b 6 mm



nb 10 mm



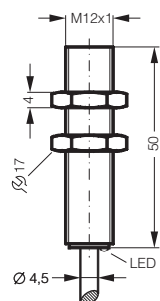
b 6 mm



nb 10 mm

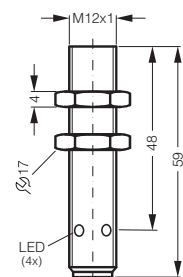


M12 x 1
Anm. / notes
1b, 3b, 7



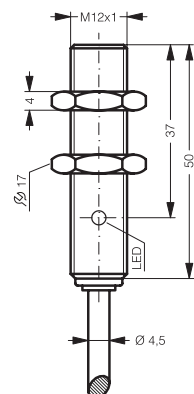
CE mm

M12 x 1
Anm. / notes
1b, 3b, 7



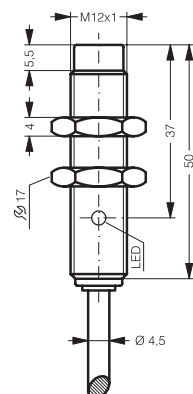
CE mm

M12 x 1
Anm. / notes
1a, 3b, 4, 5, 6c



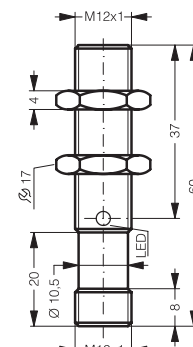
CE mm

M12 x 1
Anm. / notes
1a, 2a, 3a, 6d



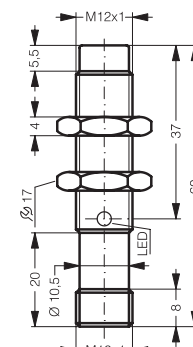
CE mm

M12 x 1
Anm. / notes
1a, 3b, 4, 5, 6c



CE mm

M12 x 1
Anm. / notes
1a, 2a, 3a, 6d



CE mm

4 mm	4 mm	6 mm	10 mm	6 mm	10 mm
15...34 V DC	15...34 V DC	10...30 V DC	10...30 V DC	10...30 V DC	10...30 V DC
200 mA	200 mA	200 mA	200 mA	200 mA	200 mA
< 17 mA	< 17 mA	< 10 mA	< 10 mA	< 10 mA	< 10 mA
< 2,5 V	< 2,5 V	< 2,0 V	< 2 V	< 2 V	< 2 V
800 Hz	800 Hz	800 Hz	400 Hz	800 Hz	400 Hz
5 % typ.	5 % typ.	5 % typ.	5 % typ.	5 % typ.	5 % typ.
-25...+85°C	-25...+85°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 m, PUR	—	2 m, PVC	2 m, PVC	—	—

DCC 12 M 04B PSLK	DCC 12 M 04B PSK-IBSL	DCC 12 M 06 PSLK	DCC 12 M 10 PSLK	DCC 12 M 06 PSK-IBSL	DCC 12 M 10 PSK-IBSL
—	—	DCC 12 M 06 PÖLK	DCC 12 M 10 PÖLK	—	—
—	—	DCC 12 M 06 NSLK	DCC 12 M 10 NSLK	DCC 12 M 06 NSK-IBSL	DCC 12 M 10 NSK-IBSL
—	—	DCC 12 M 06 NÖLK	DCC 12 M 10 NÖLK	—	—

—	VK...	—	—	VK...	VK...
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