

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

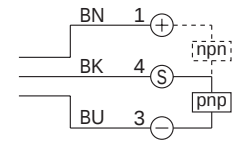
Cable, highly flexible
Metal plug
Integrated amplifier
Short-circuit protection
Starting pulse suppression
LED / ring- LED

Förkortningar

S_n = Avkänningsavstånd
 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
Bestelltable	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)

Hochtemperaturfeste induktive Näherungsschalter High-temperature resistant inductive proximity switches



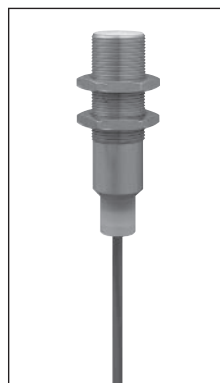
b 2 mm



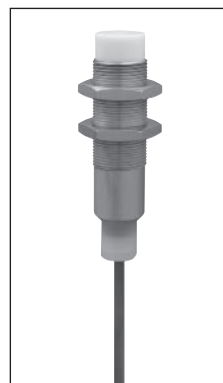
nb 4 mm



b 5 mm



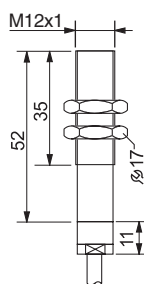
nb 7 mm



**Hochtemperaturfeste Ausführung
bis 160 °C Dauertemperatur
Klimawechselste Ausführung bis
120 °C Dauertemperatur und druck-
fest bis 10 bar
Edelstahl-Gehäuse
Aktive Fläche PTFE**

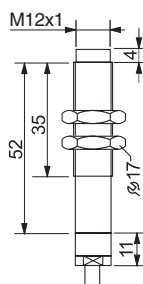
**High-temperature resistant version
up to 160 °C permanent temperature
Climatic cycle resistant version up to
120 °C permanent temperature and
pressure resistant up to 10 bar
Stainless steel housing
Sensing surface PTFE**

**M12 x 1, 120 °C
10 bar, IP 68**
Einbauhinweise ⑧
Installation notes



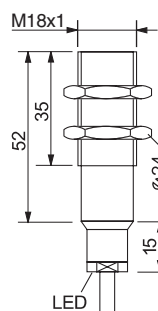
CE mm

**M12 x 1, 120 °C
10 bar, IP 68**
Einbauhinweise ⑧
Installation notes



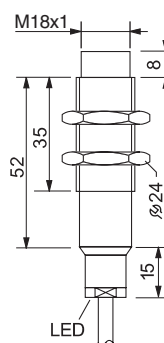
CE mm

**M18 x 1, 120 °C
10 bar, IP 68**
Einbauhinweise ⑧
Installation notes



CE mm

**M18 x 1, 120 °C
10 bar, IP 68**
Einbauhinweise ⑧
Installation notes



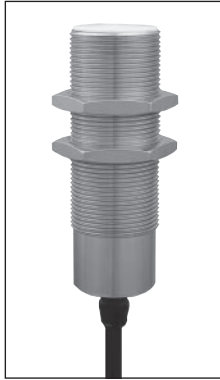
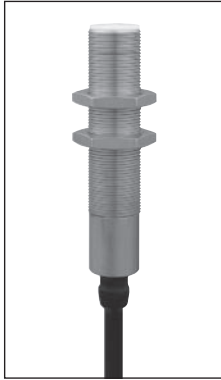
CE mm

2 mm	4 mm	5 mm	7 mm
12 x 12 x 1 mm	12 x 12 x 1 mm	18 x 18 x 1 mm	21 x 21 x 1 mm
10...33 V DC	10...33 V DC	10...33 V DC	10...33 V DC
200 mA	200 mA	200 mA	200 mA
< 4 mA	< 4 mA	< 4 mA	< 4 mA
< 2 V	< 2 V	< 2 V	< 2 V
250 Hz	200 Hz	400 Hz	400 Hz
10 % typ.	10 % typ.	10 % typ.	10 % typ.
-25...+120°C	-25...+120°C	-25...+120°C	-25...+120°C
500 V	500 V	500 V	500 V
IP 68	IP 68	IP 68	IP 68
1.4571 / PTFE	1.4571 / PTFE	1.4571 / PTFE	1.4571 / PTFE
2 m, PTFE	2 m, PTFE	2 m, PTFE	2 m, PTFE

DCE 12 VH 02 PSK	DCE 12 VH 04 PSK	DCE 18 VH 05 PSLK	DCE 18 VH 07 PSLK
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

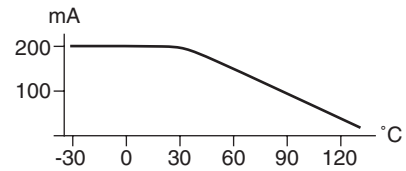
b 5 mm

b 10 mm



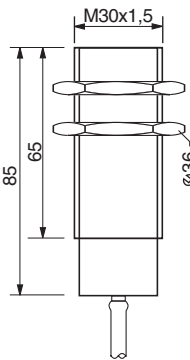
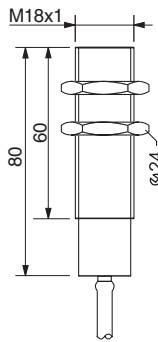
**Diagramme Strombelastbarkeit
in Abhängigkeit von der Umgebungstemperatur
Diagrams maximum rating
dependent on the ambient temperature**

**DCE 12 VH 02 PSK
DCE 12 VH 04 PSK
DCE 18 VH 05 PSLK
DCE 18 VH 07 PSLK**

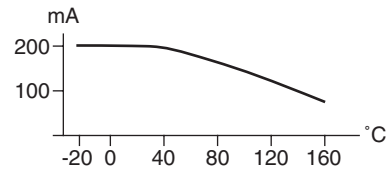


**M18 x 1
160 °C, IP 65**
Einbauhinweise
Installation notes

**M30 x 1,5
160 °C, IP 65**
Einbauhinweise
Installation notes



**DCE 18 VH 05 PSK
DCE 30 VH 10 PSK**



CE

CE

mm

5 mm	10 mm
18 x 18 x 1 mm	30 x 30 x 1 mm
10...33 V DC	10...33 V DC
200 mA	200 mA
< 7 mA	< 7 mA
< 2 V	< 2 V
200 Hz	200 Hz
15 % max.	15 % max.
-25...+160°C	-25...+160°C
500 V	500 V
IP 65	IP 65
1.4571 / PTFE	1.4571 / PTFE
2 m, PTFE	2 m, PTFE

DCE 18 VH 05 PSK	DCE 30 VH 10 PSK
-	-
-	-
-	-
-	-
-	-
-	-