



Inductive Sensors

Series 10 - PNP

Housing M 18 x 1

- Housing material: PEEK
- Ideal for detection of chemically aggressive media
- Ideal for use in food applications
- Sensing distance $S_n = 5\text{ mm}$

Certificate:



Technical data

Flush mountable

Operating distance S_n 5 mm

Electrical version 3-wire DC

Output NO

Type NPN

Art.-No.

Connection diagram No.

Type PNP IAS-10-A13-S-K-PEEK-IP68-100°-PG7

Art.-No. IA 0035

Connection diagram No. 4

Operating voltage (U_B) 10...35 V DC

Output current max. (I_o) 250 mA

Load current min. -

Voltage drop max. (U_d) $\leq 2.5\text{ V}$

Permitted residual ripple max. 10 %

No-load current (I_o) Typ. 15 mA

Frequency of operating cycles max. 2 kHz

Permitted ambient temperature -25...+100 °C

LED-display -

Protective circuit Built-in

Degree of protection IEC 60529 IP 68

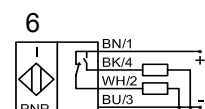
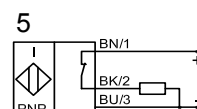
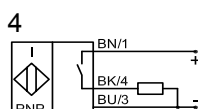
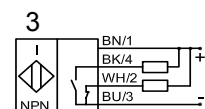
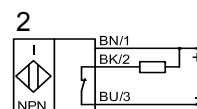
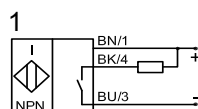
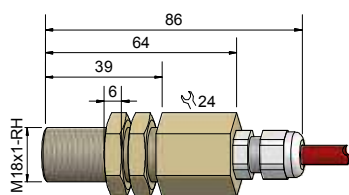
Norm EN 60947-5-2

Connection cable 5 m, Silicone, 3 x 0.34 mm²

Housing material PEEK (FDA 21 CFR 177.2415)

Active surface PEEK (FDA 21 CFR 177.2415)

Lid PEEK (FDA 21 CFR 177.2415)



Made in Germany

All specifications are subject to change without notice. (04.09.2012)