



Inductive Sensors

Series 10 - PNP

Housing M 12 x 1

- Housing material: Stainless steel VA
- Sensing distance $S_n = 4 \text{ mm}$
- Useable for an ambient temperature up to $+100 \text{ °C}$

Certificate:



Technical data

Non-flush mountable

Operating distance S_n 4 mm

Electrical version 3-wire DC

Output Normally open (NO)

Type NPN

Art.-No.

Connection diagram No.

Type PNP IAS-10-A22-S-100°C

Art.-No. 102417

Connection diagram No. 4

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

Output current max. (I_e) 150 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 $-25...+100 \text{ °C}$

LED-display Yellow

Protective circuit Built-in

Degree of protection IEC 60529 IP 67

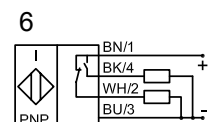
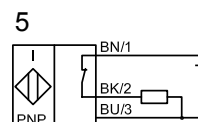
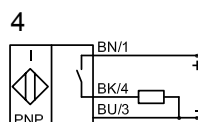
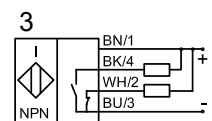
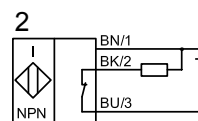
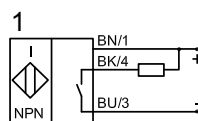
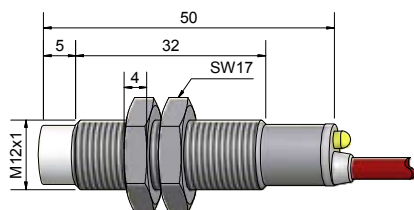
Norm EN 60947-5-2

Connection 2 m, silicone, $3 \times 0,22 \text{ mm}^2$

Housing material VA No. 1.4305

Active surface PTFE (FDA 21 CFR 177.1550)

Lid PA / PPO



Made in Germany

All specifications are subject to change without notice. (23.03.2011)