

Inductive Sensors

Series 10 - PNP

Housing M 12 x 1

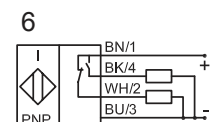
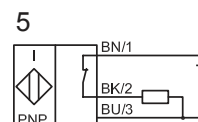
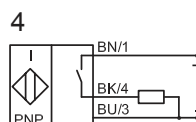
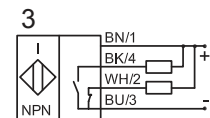
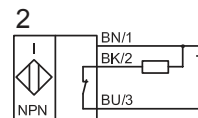
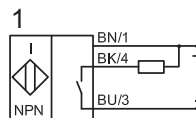
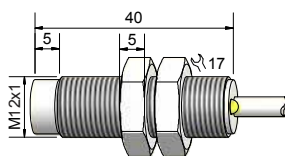
- Housing material: PTFE
- Sensing distance $S_n = 4$ mm

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-K-PTFE |
| Art.-No. | IA 0083 |
| Connection diagram No. | 4 |
| Operating voltage (U_B) | 10...35 V DC |
| Output current max. (I_e) | 150 mA |
| Voltage drop max. (U_d) | ≤ 2.5 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...+70 °C |
| LED-display | Yellow |
| Protective circuit | Built-in |
| Degree of protection IEC 60529 | IP 67 |
| Norm | EN 60947-5-2 |
| Connection | 5 m, PTFE, 3 x 0,22 mm ² |
| Housing material | PTFE (FDA 21 CFR 177.1550) |
| Active surface | PTFE (FDA 21 CFR 177.1550) |
| Lid | PTFE (FDA 21 CFR 177.1550) |

All specifications are subject to change without notice. (05.07.2012)



Made in Germany