



Capacitive Sensors

Series 80 - PNP

Housing Ø 20 mm

- Housing material: Brass
- Sensing distance 0.5...15 mm adjustable
- With flange connector M 12 x 1

Certificate:



Quattro^{ETC}Protect™

Technical data

Flush mountable

| | |
|---|----------------------|
| Operating distance S_n | 8 mm |
| Operating distance min. / max. adjustable | 0.5...15 mm |
| Electrical version | 4-pin DC |
| Output function | Antivalent (NO + NC) |

Type NPN

Art.-No.

Connection diagram No.

Type PNP

KAS-80-20-A-Y5

Art.-No.

KA 0357

| | |
|------------------------------------|----------------|
| Connection diagram No. | 6 |
| Operating voltage (U_B) | 10...35 V DC |
| Output current max. (I_o) | 2 x 250 mA |
| Voltage drop max. (U_d) | ≤ 2.0 V |
| Permitted residual ripple max. | 10 % |
| No-load current (I_o) | Typ. 15 mA |
| Frequency of operating cycles max. | 300 Hz |
| Permitted ambient temperature | -25...+70 °C |
| LED-display | Green / yellow |
| Protective circuit | Built-in |
| Degree of protection IEC 529 | IP 67 |
| Norm | EN 60947-5-2 |

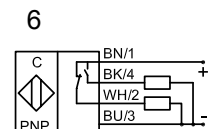
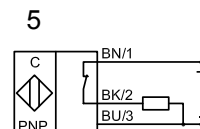
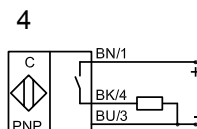
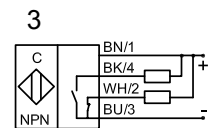
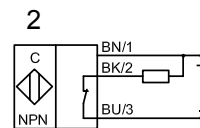
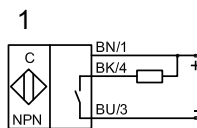
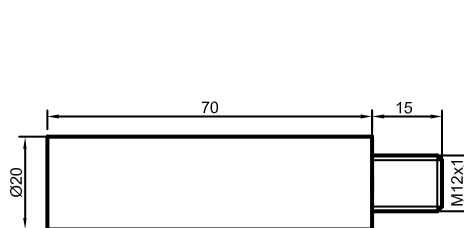
Connection Flange connector M 12 x 1

Housing material Brass

Active surface PVC

Lid PVC

Media optimized Yes



Made in Germany

All specifications are subject to change without notice. (18.03.2010)