



Capacitive Sensors

Series 80 - PNP

Housing M 30 x 1.5

- Housing material: Brass
- Sensing distance 2...25 mm adjustable
- With flange connector M 12 x 1
- Ex II 3D IP T101°C X
- For use in zone 22

Certificate:



Technical data

Non-flush mountable

| | |
|---|--------------------|
| Operating distance S_n | 15 mm |
| Operating distance min. / max. adjustable | 2...25 mm |
| Electrical version | 4-pin DC |
| Output | Antivalent (NO+NC) |

Type NPN

Art.-No.

Connection diagram No.

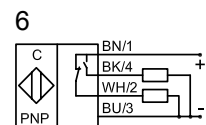
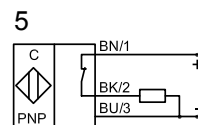
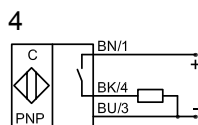
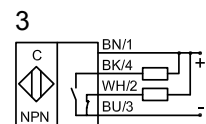
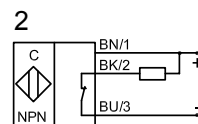
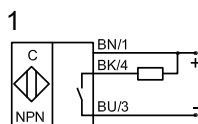
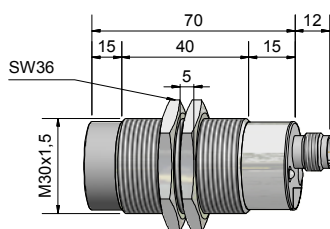
Type PNP

KAS-80-A24-A-Y3-3D-NL

Art.-No.

KA 0467

| | |
|------------------------------------|---------------------------|
| Connection diagram No. | 6 |
| Operating voltage (U_B) | 12...30 V DC |
| Output current max. (I_o) | 2 x 200 mA |
| Voltage drop max. (U_d) | ≤ 2.0 V |
| Permitted residual ripple max. | 5 % |
| No-load current (I_o) | < 15 mA |
| Frequency of operating cycles max. | 50 Hz |
| 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 | Flange connector M 12 x 1 |
| Housing material | Brass |
| Active surface | PVC |
| Lid | PA / PPO |



Made in Germany

All specifications are subject to change without notice. (17.12.2010)