



Capacitive Sensors Series 80 - PNP - StEx - ATEX

Housing \varnothing 26 mm / M32 / 40 mm

- For use in areas with the risk of dust explosion, zone 20
- For use in areas with the risk of gas explosion, zone 1
- Housing material: PTFE
- Special version with flange. Sealing can be made with a gasket or PTFE-tape (not supplied with the sensor)

| | |
|-------------------------------------|----------------------------|
| DMT 01 ATEX E 157 | IECEX BVS 07.0015 |
| II 2 G Ex mb IIC T4 Gb | Ex mb IIC T4 Gb |
| II 1/2 D Ex ta/tb IIIC T101°C Da/Db | Ex ta/tb IIIC T101°C Da/Db |



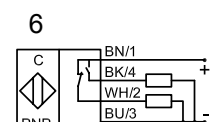
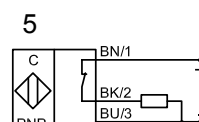
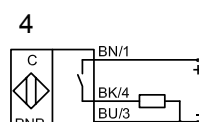
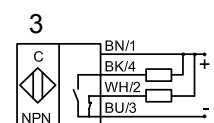
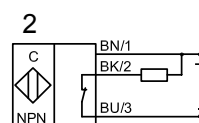
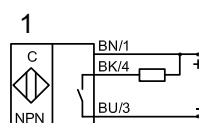
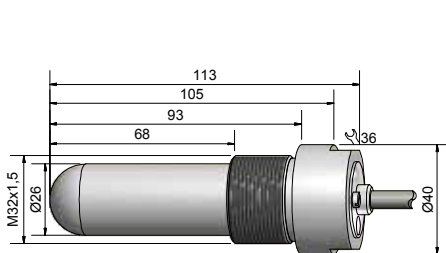
Quattro^{ETC}Protect™

Technical data

Non-flush mountable

| | |
|---|-----------------------------------|
| Operating distance S_n | 5 mm |
| Operating distance min. / max. adjustable | 0...20 mm |
| Electrical version | 4-wire DC |
| Output function | Antivalent |
| Type NPN | |
| Art.-No. | |
| Connection diagram No. | |
| Type PNP | |
| KAS-80-26-A-K-M32-PTFE-StEx | |
| Art.-No. | |
| KA 0998 | |
| Connection diagram No. | 6 |
| Operating voltage (U_B) | 10...30 V DC |
| Output current max. (I_g) | 2 x 150 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. | 50 Hz |
| Permitted ambient temperature | -20...+90 °C |
| LED-display | Green / yellow |
| Protective circuit | Built-in |
| Degree of protection IEC 60529 | IP 67* |
| Norm | EN 60947-5-2 |
| Connection cable | 2 m, PVC, 4 x 0.5 mm ² |
| Housing material | PTFE (FDA 21 CFR 177.1550) |
| Active surface | PTFE (FDA 21 CFR 177.1550) |
| Lid | PC (FDA 21 CFR 177.1580) |
| Media optimized | Yes |

* With sealed potentiometer screw



Made in Germany