



Capacitive Sensors Series 80 - PNP - StEx - ATEX

Housing M 32 x 1.5

- For use in areas with the risk of dust explosion, zone 20
- Sensing distance 3...30 mm adjustable
- With flange connector M 12 x 1, 5-pin incl. protective wire pin

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



Technical data

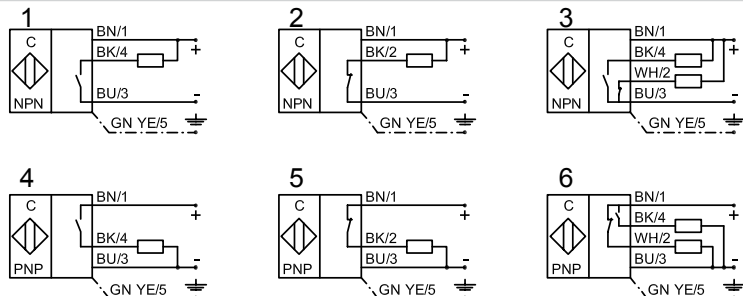
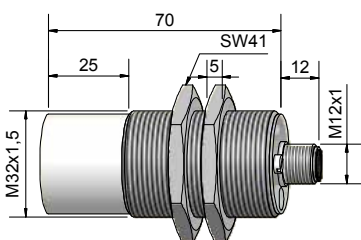
Non-flush mountable

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|---|----------------------------|
| Operating distance S_n | 20 mm |
| Operating distance min./max. adjustable | 3...30 mm |
| Electrical version | 4-pin DC |
| Output function | Antivalent |
| Type NPN | |
| Art.-No. | |
| Connection diagram No. | |
| Type PNP | |
| KAS-80-34-A-M32-Y10-StEx | |
| Art.-No. KA 0819 | |
| Connection diagram No. | 6 |
| Operating voltage (U_b) | 10...30 V DC |
| Output current max. (I_e) | 2 x 150 mA |
| Voltage drop max. (U_o) | ≤ 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...+70 °C |
| LED-display | Green / 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 | VA No. 1.4305 |
| Active surface | PTFE (FDA 21 CFR 177.1550) |
| Lid | PC (FDA 21 CFR 177.1580) |
| Media optimized | Yes |

Accessories (is delivered with the unit) 2 pieces nuts M 32, Protective clip

For matching connectors please see our selection of accessories.

* With sealed potentiometer screw



Made in Germany

All specifications are subject to change without notice. (06/2014)