



Capacitive Sensors Series 80 - PNP

Housing M 12 x 1

- Housing material: PTFE
- Sensing distance 0...6 mm adjustable

With manufacturer certificate

for use in zone 2

for use in zone 22

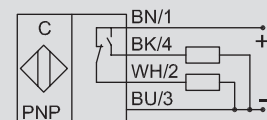
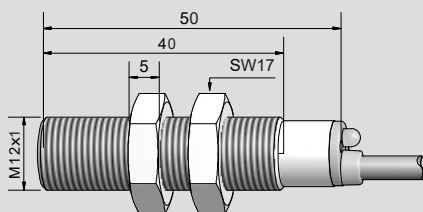
Ex II 3G Ex nA IIC T6 Gc X

Ex II 3D Ex mc IIIC T101°C Dc IP67 X



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|--|---|
| Technical data | Flush mountable |
| Operating distance S_n | 2 mm |
| Operating distance min. / max. adjustable | 0...6 mm |
| Electrical version | 4-wire DC |
| Output function | Antivalent |
| Type PNP | KAS-80-A12-A-M12-PTFE-Z10-1-HP-3G-3D |
| Art.-No. | KA 1510 |
| Operating voltage (U_B) | 10...30 V DC |
| Voltage drop max. (U_d) | ≤ 2.0 V |
| Permitted residual ripple max. | 10 % |
| Operating current (I_e) | 2 x 0...150 mA |
| No-load current (I_o) | Typ. 15 mA |
| Frequency of operating cycles max. | 500 Hz |
| Permitted ambient temperature | -20...+70 °C |
| LED-display | Green / yellow |
| Protective circuit | Built-in |
| Degree of protection IEC 529 | IP 67* |
| Norm | EN 60947-5-2 |
| Connection cable | 10 m, PUR, 4 x 0.14 mm ² |
| Housing material | PTFE (FDA 21 CFR 177.1550) |
| Active surface | PTFE (FDA 21 CFR 177.1550) |
| Lid | PA |
| Media optimized | Yes |
| Accessories (delivered with the sensor) | 2 nuts M 12 x 1 |

* With sealed potentiometer screw



Made in Germany