



Capacitive Sensors Series 80 - PNP - StEx- ATEX

Housing M 30 x 1.5

- For use in areas with the risk of dust explosion, zone 20
- Sensing distance 2...20 mm adjustable
- With flange connector M 12 x 1

DMT 01 ATEX E 157

IECEx BVS 07.0015

Ex II 1/2 D Ex ta/tb IIIC T101°C Da/Db

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Quattro^{Exc}Protect™

Technical data

Flush mountable

Operating distance S_n 10 mm

Operating distance min. / max. adjustable 2...20 mm

Electrical version 4-pin DC

Output function Antivalent

Type NPN

Art.-No.

Connection diagram No.

Type PNP

KAS-80-A14-A-Y10-StEx

Art.-No.

KA 1267

Connection diagram No. 6

Operating voltage (U_b) 10...30 V DC

Output current max. (I_o) 2 x 150 mA

Voltage drop max. (U_d) ≤ 2.0 V

Permitted residual ripple max. 5 %

No-load current (I_o) Typ. 15 mA

Frequency of operating cycles max. 100 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)

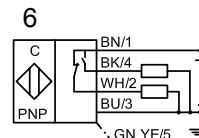
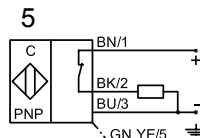
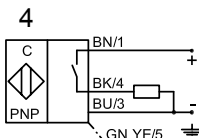
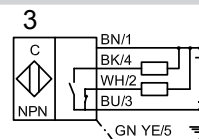
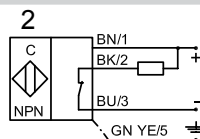
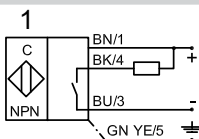
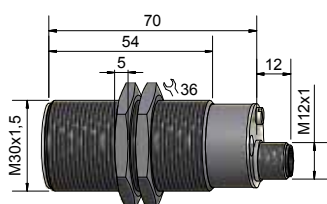
Media optimized Yes

Accessories (is delivered with the unit)

2 pieces nuts M 30, Protective clip

For matching connectors please see our selection of accessories.

* With sealed potentiometer screw



Made in Germany