



## Capacitive Sensors Series 80 - PNP - StEx - ATEX

Housing G 1"

- 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

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



Quattro<sup>Exc</sup>Protect™

### Technical data

Non-flush mountable

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-G1"-Y10-StEx

Art.-No. KA 0868

Connection diagram No. 6

Operating voltage ( $U_B$ ) 10...30 V DC

Output current max. ( $I_e$ ) 2 x 150 mA

Voltage drop max. ( $U_o$ )  $\leq 2.0$  V

Permitted residual ripple max. 5 %

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)

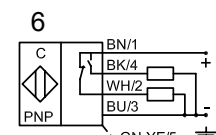
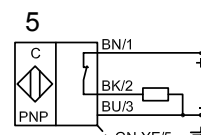
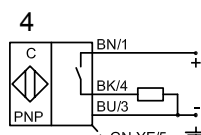
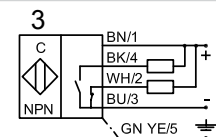
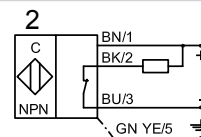
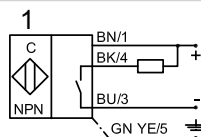
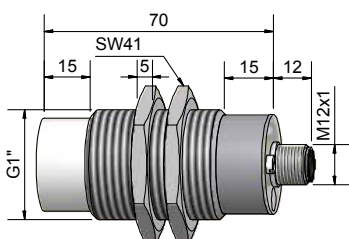
Lid PC (FDA 21 CFR 177.1580)

Media optimized Yes

Accessories (is delivered with the unit) 2 pieces nuts G 1", 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)