



Capacitive sensors

Series 80 - PNP - StEx - ATEX



Housing \varnothing 26 mm / 1" / 40 mm

- For use in areas with the risk of dust explosion, zone 20
- Housing material PTFE
- Sensing distance 0...20 mm adjustable
- Suitable for food and pharmaceutical applications
- Special version with flange. Sealing can be made with a gasket or PTFE-tape (not supplied with the sensor)
- With flange connector m 12 x 1

Certifications:



Quattro~~Ex~~Protect™

DMT 01 ATEX E 157

IECEX BVS 07.0015

Ex II 1/2D Ex tD A20/21 IP67 T101°C

Ex tD A20/21 IP 67 T101°C



Technical data

Non-flush mountable

Operating distance S_n

5 mm

Operating distance min. / max. adjustable

0...20 mm

Electrical version

4-pin DC

Output function

Antivalent (NO + NC)

Type NPN

Art.-No.

Connection diagram No.

Type PNP

KAS-80-26-A-PTFE-1"-Y5-StEx-N

Art.-No.

KA 0655

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)

\leq 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

Flange connector M 12 x 1

Housing material

PTFE (FDA 21 CFR 177.1550)

Active surface

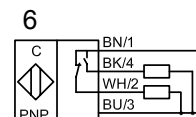
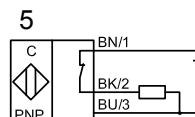
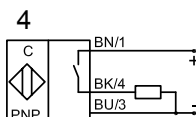
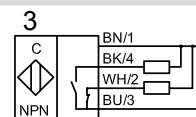
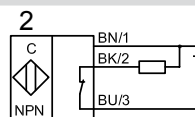
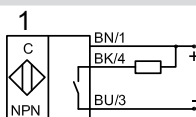
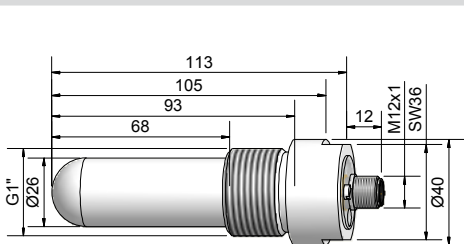
PTFE (FDA 21 CFR 177.1550)

Lid

PC (FDA 21 CFR 177.1580)

Media optimized

Yes



Made in Germany

All specifications are subject to change without notice. (04/2012)