



Capacitive Sensors Series 80 - PNP - StEx - ATEX

Housing Ø 26 mm / G 1" / 40 mm

- For use in areas with the risk of dust explosion, zone 20
- Housing material: PTFE
- Sensing distance 0...20 mm adjustable
- 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

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^{Exc}Protect™

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

Type NPN

Art.-No.

Connection diagram No.

Type PNP

KAS-80-26-A-K-G1"-300-PTFE-Y5-StEx

Art.-No.

KA 1228

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_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...+90 °C

LED-display

Green / yellow

Protective circuit

Built-in

Degree of protection IEC 60529

IP 67*

Norm

EN 60947-5-2

Connection cable

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

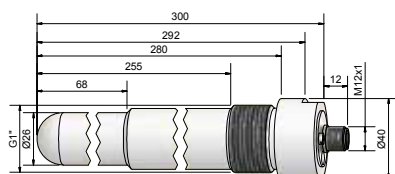
Yes

Accessories (is delivered with the unit)

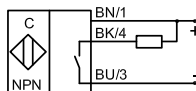
Protective clip

For matching connectors please see our selection of accessories.

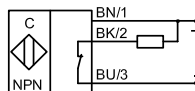
*With sealed potentiometer screw



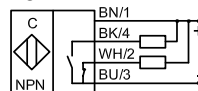
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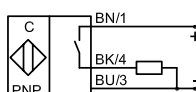
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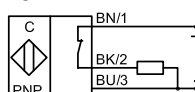
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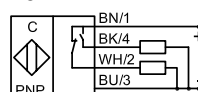
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Made in Germany