



Capacitive Sensors - Series 26 Series 80 - PNP

Process connection: G 1/2"

- Housing material: PEEK
- For use in areas with the risk of dust explosion, zone 20
- For use in areas with the risk of gas explosion, zone 1
- SIP / CIP 121 °C
- Special version with flange. Sealing can be made with a gasket or PTFE-tape (not supplied with the sensor)

DMT 01 ATEX E 157	IECEX BVS 07.0015
II 2 G Ex mb IIC T4 Gb	Ex mb IIC T4 Gb
II 1/2 D Ex ta/tb IIIC T101°C Da/Db	Ex ta/tb IIIC T101°C Da/Db



Technical data	Non-flush mountable
Level sensor, in contact with the product	Medium dependent adjustable
Operating distance S_n / min. / max. adjustable	0...10 mm
Electrical version	4-wire DC
Output function	Antivalent
Type NPN	
Art.-No.	
Connection diagram No.	
Type PNP	KAS-80-26-A-K-G1/2"-PEEK-StEx
Art.-No.	KA 1426
Connection diagram No.	
Operating voltage (U_B)	10...30 V DC
Output current max. (I_e)	2 x 0...150 mA
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	2 Hz
Permitted ambient temperature	-25...+70 °C / CIP 121° C (zero-current)
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67*
Norm	EN 60947-5-2
Connection cable	2 m, PVC, 4 x 0.34 mm ²
Housing material (part in contact with the medium)	PEEK (FDA 21 CFR 177.2415)
Lid	PC
Media optimized	Yes
Accessory: Varivent Adapter, Welding Socket (Please see our range of accessories, not supplied with the sensor).	

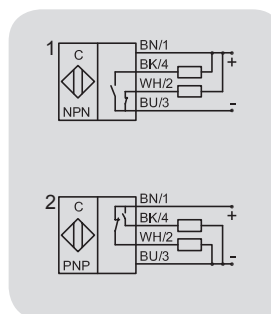
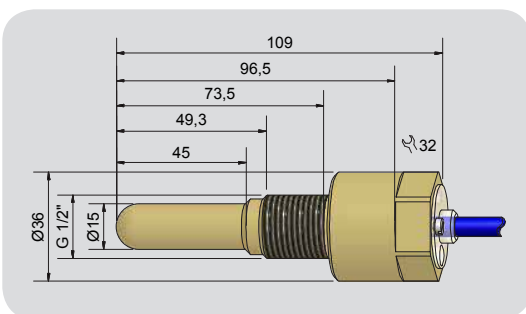
It is ideal for the level control of liquids, pastes, powders and other bulk materials.

This sensor has no moving parts and is not subject to wear or tear and thus there is no down time due to false detections caused by material build-up.

Advantages:

- Measurement is independent of the mounting position
- Permitted pressure on the active area: 10 bar
- Process connection G 1/2"

* With sealed potentiometer screw



Made in Germany