



Capacitive Sensors - S26 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
- Easy Teach by wire
- Special version with flange. Sealing can be made with a gasket or PTFE-tape (not delivered with the sensor)

DMT 01 ATEX E 157	IECEx BVS 07.0015
Ex II 2 G Ex mb IIC T4 Gb	Ex mb IIC T4 Gb
Ex II 1/2 D Ex ta/tb IIIC T101°C Da/Db	Ex ta/tb IIIC T ₂₀₀ 101°C Da/Db

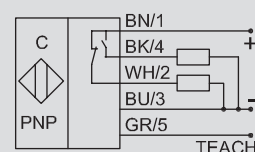
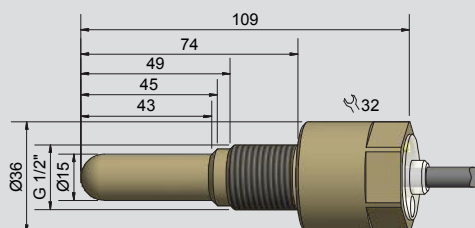


Technical data	Non-flush mountable
Level sensor, in contact with the product	Medium dependent adjustable
Operating distance min. / max. adjustable	0...10 mm
Electrical version	5-wire DC
Output function	Antivalent
Type PNP current	KAS-80-26/105-A-G1/2-PEEK-FG-Z03-ETW-HP-2G-1/2D
Art.-No.	KA 1685
Operating voltage (U _B)	10...30 V DC
Voltage drop max. (U _g)	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current (I _e)	2 x 0...150 mA
No-load current (I _o)	Typ. 15 mA
Frequency of operating cycles max.	15 Hz
Permitted ambient temperature	-20...+70 °C, CIP / SIP 121 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67*
Norm	EN 60947-5-2
Connection cable	3 m, PVC, 5 x 0.34 mm ²
Housing material	PEEK (FDA 21 CFR 177.2415)
Active surface	PEEK (FDA 21 CFR 177.2415)
Lid	PC (FDA 21 CFR 177.1580)
Media optimized	Yes

Accessories (not delivered with the sensor): For varivent adapter, triclamp adapter, welding socket and matching connectors please see our selection of accessories.

Capacitive Sensors S26 with hemispherical active surface for level control of products with a dielectric constant ϵ_r from 1,1. Products can be:

- Bulk material, like plastic granules, powder, cereals, etc.
- Liquids, like water, juice, wine, oil, chemicals or pharmaceutical solutions and much more.
- Pastes in the food, pharmaceutical and cosmetics industry



* With sealed potentiometer screw

Made in Germany