



Capacitive Sensors S26

Series 70 - NPN
Series 80 - PNP

Type of construction G 1/2"
• Housing material: PEEK



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	4-wire DC
Output function	Antivalent
Type NPN	KAS-70-26-A-K-G1/2"-PEEK
Art.-No.	KA 1245
Connection diagram No.	1
Type PNP	KAS-80-26-A-K-G1/2"-PEEK
Art.-No.	KA 1244
Connection diagram No.	2
Operating voltage (U_B)	10...35 V DC
Voltage drop max. (U_v)	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current (I_o)	2 x 0...200 mA
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)
Active surface	PEEK (FDA 21 CFR 177.2415)
Lid	PA
Media optimized	Yes

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

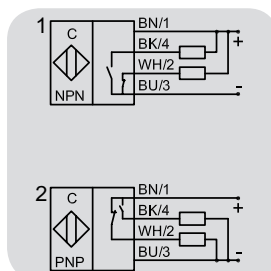
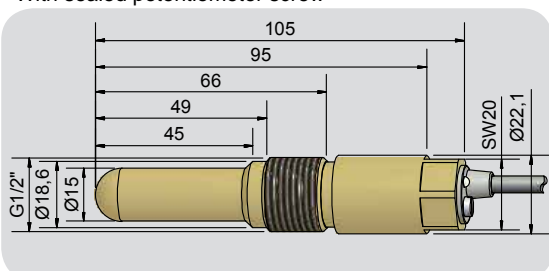
- Bulk material, like plastic granules, powder, cereals, etc.
- Liquids, like water, juice, wine, oil, chemicals or pharmaceutical solutions and much more.
- Pastes in the food processing industry, liquid glue, resins or glue, etc.

Advantages:

- EHEDG-Certified
- Measurement is independent of the mounting position
- Permitted pressure on the active area: 10 bar

Accessories (not delivered with the sensor): Varivent Adapter, Welding Socket please see our selection of accessories.

* With sealed potentiometer screw



Made in Germany

All specifications are subject to change without notice. (02/2017)