

Capacitive Sensors S26

Series 70 - NPN

Series 80 - PNP



Type of construction G 1“

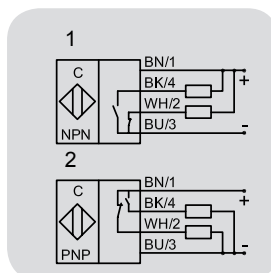
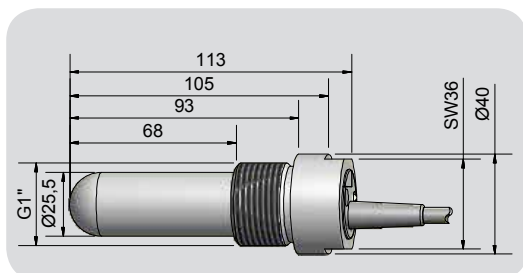
- Housing material: PTFE
- Overfill prevention
- Leakage control



Technical data	Non-flush mountable
Level sensor, in contact with the product	Medium dependent adjustable
Operating distance min. / max. adjustable	0...20 mm
Electrical version	4-wire DC
Output function	Antivalent
Type NPN	KAS-70-26/113-A-G1-PTFE-Z02-1-HP
Art.-No.	KA 1078
Connection diagram No.	1
Type PNP	KAS-80-26/113-A-G1-PTFE-Z02-1-HP
Art.-No.	813 100
Connection diagram No.	2
Operating voltage (U _B)	10...35 V DC
Voltage drop max. (U _d)	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current (I _e)	2 x 0...250 mA
No-load current (I _o)	Typ. 15 mA
Frequency of operating cycles max.	50 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 0.5 mm²
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA
Media optimized	Yes

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

* With sealed potentiometer screw



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 and cosmetic processing industry

All specifications are subject to change without notice. (04.04.2018)

Made in Germany