



## Capacitive Sensors S26

Series 70 - NPN  
Series 80 - PNP

Type of construction G 1"  
• Housing material: PTFE



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
<b>Type NPN</b>	<b>KAS-70-26/113-A-G1-PTFE-Z02-1-HP</b>
<b>Art.-No.</b>	<b>KA 1078</b>
Connection diagram No.	3
<b>Type PNP</b>	<b>KAS-80-26/113-A-G1-PTFE-Z02-1-HP</b>
<b>Art.-No.</b>	<b>813 100</b>
Connection diagram No.	6
Operating voltage ( $U_B$ )	10...35 V DC
Voltage drop max. ( $U_d$ )	$\leq 2.0$ 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 mm <sup>2</sup>
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA
Media optimized	Yes

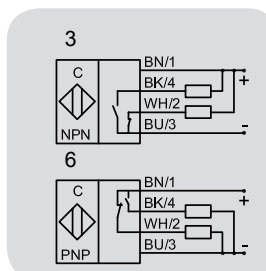
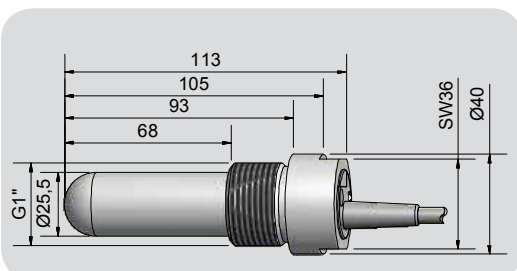
**Accessories** (not delivered with the sensor): For varivent adapter, triclamp adapter and welding socket please see our selection of accessories.

\* With sealed potentiometer screw

Capacitive Sensors S26 with hemispherical active surface for level control of products with a dielectric constant  $\epsilon_r$  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.

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



Made in Germany