



## Capacitive Sensors Series 90 - AC / DC

Housing  $\varnothing = 26 \text{ mm} / 1'' / 40 \text{ mm}$

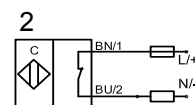
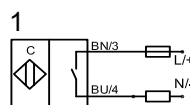
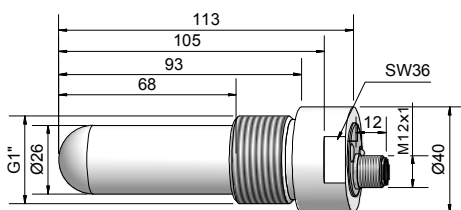
- Housing material: PTFE
- SIP / CIP 121° C
- Sensing distance 0...15 mm adjustable
- Special version with flange. Sealing can be made with a gasket or PTFE-tape (not supplied with the sensor)
- With flange connector M 12 x 1

Certificate:



Technical data	Non-flush mountable	Non-flush mountable
Operating distance $S_n$	5 mm	5 mm
Operating distance min. / max. adjustable	0...15 mm	0...15 mm
Electrical version	2-pin AC / DC	2-pin AC / DC
Output function	Normally open (NO)	Normally closed (NC)
<b>Type</b>	<b>KAS-90-26-S-PTFE-1''-Y1</b>	<b>KAS-90-26-Ö-PTFE-1''-Y1</b>
<b>Art.-No.</b>	<b>KA 0639</b>	<b>KA 1013</b>
Connection diagram No.	1	2
Operating voltage ( $U_B$ )	20...250 V AC / DC	20...250 V AC / DC
Output current max. ( $I_o$ )	250 mA	250 mA
Load current min.	5 mA	5 mA
Voltage drop max. ( $U_d$ )	$\leq 6.0 \text{ V}$	$\leq 6.0 \text{ V}$
No-load current ( $I_o$ )	Typ. 2.5 mA	Typ. 2.5 mA
Frequency of operating cycles max.	25 Hz	25 Hz
Permitted ambient temperature	-25...+70 °C / CIP 121 °C (zero-current)	-25...+70 °C / CIP 121 °C (zero-current)
LED-display	Yellow	Yellow
Protective circuit	Built-in	Built-in
Degree of protection IEC 60529	IP 67	IP 67
Norm	EN 60947-5-2	EN 60947-5-2
Connection	Flange connector M 12 x 1	Flange connector M 12 x 1
Housing material	PTFE (FDA 21 CFR 177.1550)	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO	PA / PPO

All specifications are subject to change without notice. (09.07.2010)



**Made in Germany**