



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
- Ideal for detection of chemically aggressive media
- Suitable for food applications
- Special version with flange. Sealing can be made with a gasket or PTFE-tape (not supplied with the sensor)

Certificate:



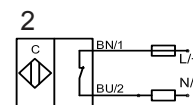
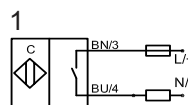
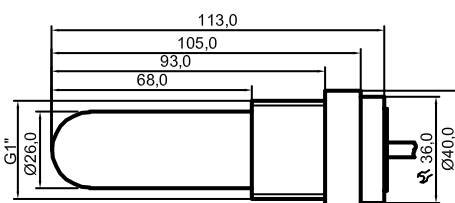
QuattroEtcProtect™

Technical data

Non-flush mountable

Operating distance S_n	5 mm
Operating distance min. / max. adjustable	0...15 mm
Electrical version	2-wire AC / DC
Output function	Normally open (NO)
Type	KAS-90-26-S-PTFE-1"
Art.-No.	KA 0991
Connection diagram No.	1
Operating voltage (U_B)	20...250 V AC / DC
Output current max. (I_o)	250 mA
Load current min.	5 mA
Voltage drop max. (U_d)	$\leq 6.0 \text{ V}$
No-load current (I_o)	Typ. 2.5 mA
Frequency of operating cycles max.	25 Hz
Permitted ambient temperature	-25...+70° C / CIP 121° C (zero-current)
LED-display	Yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection cable	5 m, PUR, 2 x 0.75 mm ²
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO

All specifications are subject to change without notice. (28.01.2009)



Made in Germany