



Capacitive Sensors Series 90 - AC / DC

Housing M 32 x 1.5

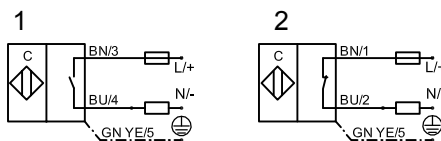
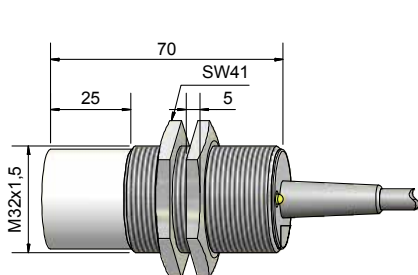
- Housing material: Brass
- Sensing distance 3...25 mm adjustable

Certificate:



Technical data	Non-flush mountable	Non-flush mountable
Operating distance S_n	20 mm	20 mm
Operating distance min. / max. adjustable	3...25 mm	3...25 mm
Electrical version	2-wire AC / DC	2-wire AC / DC
Output function	Normally open	Normally closed
Type	KAS-90-35-S-M32-PTFE/MS-Z02-1	KAS-90-35-Ö-M32-PTFE/MS-Z02-1
Art.-No.	903 200	903 300
Connection diagram No.	1	2
Operating voltage (U_B)	20...250 V AC / DC	20...250 V AC / DC
Output current max. (I_e)	330 mA (ETL = 250 mA)	330 mA (ETL = 250 mA)
Load current min.	5 mA	5 mA
Voltage drop max. (U_o)	≤ 6 V	≤ 6 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 (ETL = +60 °C)	-25...+70 °C (ETL = +60 °C)
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 cable	2 m, PVC, 3 x 0.75 mm ²	2 m, PVC, 3 x 0.75 mm ²
Housing material	Brass	Brass
Active surface	PTFE (FDA 21 CFR 177.1550)	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO	PA / PPO
Accessories (is delivered with the sensor)	2 nuts M 32	2 nuts M 32

* With sealed potentiometer screw



Made in Germany

All specifications are subject to change without notice. (01/2018)