



Capacitive Sensors Series 90 - AC / DC

Housing M 18 x 1

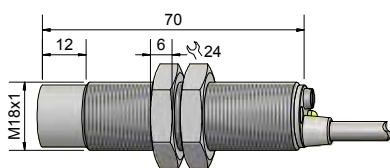
- Housing material: PA / PPO
- Sensing distance 0.5...12 mm adjustable

Certificate:

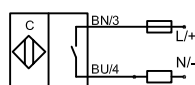


Technical data	Non-flush mountable	Non-flush mountable
Operating distance S_n	8 mm	8 mm
Operating distance min. / max. adjustable	0.5...12 mm	0.5...12 mm
Electrical version	2-wire AC / DC	2-wire AC / DC
Output function	Normally open	Normally closed
Type	KAS-90-A23-S-M18-PPO-Z02-1	KAS-90-A23-Ö-M18-PPO-Z02-1
Art.-No.	900 300	900 400
Connection diagram No.	1	2
Operating voltage (U_B)	20...250 V AC / DC	20...250 V AC / DC
Output current max. (I_e)	250 mA	250 mA
Load current min.	5 mA	5 mA
Voltage drop max. (U_d)	≤ 6 V	≤ 6 V
No-load current (I_0)	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 529	IP 67*	IP 67*
Norm	EN 60947-5-2	EN 60947-5-2
Connection cable	2 m, PUR, 2 x 0.34 mm ²	2 m, PUR, 2 x 0.34 mm ²
Housing material	PA / PPO	PA / PPO
Active surface	PA / PPO	PA / PPO
Lid	PA / PPO	PA / PPO
Accessories (is delivered with the sensor)	2 nuts M 18	2 nuts M 18

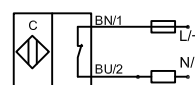
* With sealed potentiometer screw



1



2



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