



## Capacitive Sensors Series 90 - AC / DC

Housing M 18 x 1

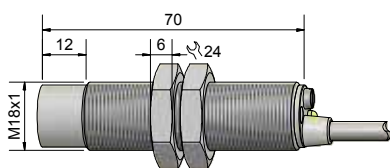
- Housing material: PA / PPO
- Sensing distance 0.5...12 mm adjustable

Certificate:

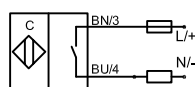


Technical data	Non-flush mountable	Non-flush mountable
Operating distance $S_n$	8 mm	8 mm
Operating distance min. / max. adjustable	0.5...12 mm	0.5...12 mm
Electrical version	2-wire AC / DC	2-wire AC / DC
Output function	Normally open	Normally closed
<b>Type</b>	<b>KAS-90-A23-S</b>	<b>KAS-90-A23-Ö</b>
<b>Art.-No.</b>	<b>900 300</b>	<b>900 400</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. ( $U_d$ )	≤ 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 529	IP 67*	IP 67*
Norm	EN 60947-5-2	EN 60947-5-2
Connection cable	2 m, PUR, 2 x 0.34 mm <sup>2</sup>	2 m, PUR, 2 x 0.34 mm <sup>2</sup>
Housing material	PA / PPO	PA / PPO
Active surface	PA / PPO	PA / PPO
Lid	PA / PPO	PA / PPO
<b>Accessories</b> (is delivered with the sensor)	2 pieces nuts M 18	2 pieces nuts M 18

\* With sealed potentiometer screw



1



2

