



## Capacitive Sensors Series 90 - AC / DC

Housing M 32 x 1.5

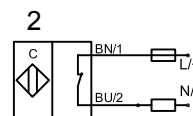
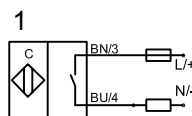
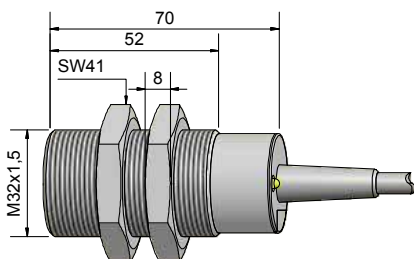
- Housing material: PA / PPO
- Sensing distance 2...20 mm adjustable

Certificate:



Technical data	Flush mountable	Flush mountable
Operating distance $S_n$	15 mm	15 mm
Operating distance min. / max. adjustable	2...20 mm	2...20 mm
Electrical version	2-wire AC / DC	2-wire AC / DC
Output function	Normally open	Normally closed
<b>Type</b>	<b>KAS-90-30-S-M32</b>	<b>KAS-90-30-Ö-M32</b>
<b>Art.-No.</b>	<b>901 800</b>	<b>901 900</b>
Connection diagram No.	1	2
Operating voltage ( $U_B$ )	20...250 V AC / DC	20...250 V AC / DC
Output current max. ( $I_B$ )	330 mA (ETL = 250 mA)	330 mA (ETL = 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 60529	IP 67*	IP 67*
Norm	EN 60947-5-2	EN 60947-5-2
Connection cable	2 m, PVC, 2 x 0.75 mm <sup>2</sup>	2 m, PVC, 2 x 0.75 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 32	2 pieces nuts M 32

\* With sealed potentiometer screw



All specifications are subject to change without notice. (06/2014)

Made in Germany