



Capacitive Sensors

Series 90 - AC / DC

Housing M 18 x 1

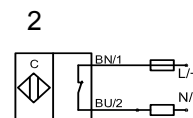
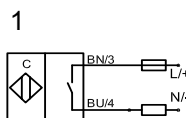
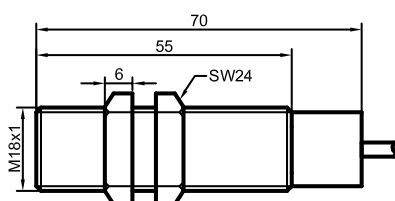
- Housing material: PA / PPO
- Sensing distance 1...8 mm adjustable

Certificate:



| Technical data | Flush mountable | Flush mountable |
|---|-----------------------------------|-----------------------------------|
| Operating distance S_n | 5 mm | 5 mm |
| Operating distance min. / max. adjustable | 1...8 mm | 1...8 mm |
| Electrical version | 2-wire AC / DC | 2-wire AC / DC |
| Output | Normally open (NO) | Normally closed (NC) |
| Type AC / DC | KAS-90-A13-S-NL | KAS-90-A13-Ö-NL |
| Art.-No. | KA 0634 | KA 0724 |
| 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) | ≤ 6,0 V | ≤ 6,0 V |
| No-load current (I_o) | < 2.5 mA | < 2.5 mA |
| Frequency of operating cycles max. | 25 Hz | 25 Hz |
| Permitted ambient temperature | -25...+70 °C | -25...+70 °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 | PUR 2 m, 2 x 0.34 mm ² | PUR 2 m, 2 x 0.34 mm ² |
| Housing material | PA / PPO | PA / PPO |
| Active surface | PA / PPO | PA / PPO |
| Lid | PA / PPO | PA / PPO |

All specifications are subject to change without notice. (02.02.2010)



Made in Germany