



Capacitive Sensors
Series 70 - NPN
Series 80 - PNP

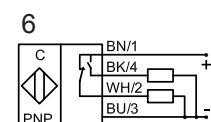
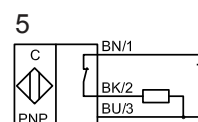
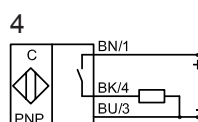
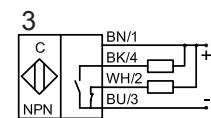
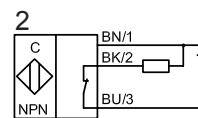
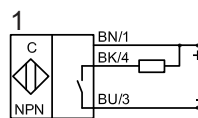
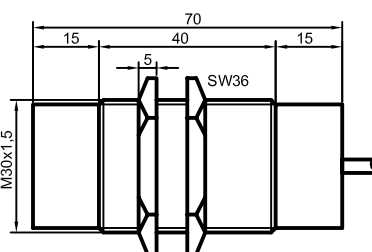
- Housing M 30 x 1.5
- Housing material: PA / PPO
 - Sensing distance 2...25 mm adjustable

Certificate:



| | |
|---|-----------------------------------|
| Technical data | Non-flush mountable |
| Operating distance S_n | 15 mm |
| Operating distance min. / max. adjustable | 2...25 mm |
| Electrical version | 4-wire DC |
| Output | Antivalent (NO + NC) |
| Type NPN | KAS-70-A24-A-K-NL |
| Art.-No. | KA 0455 |
| Connection diagram No. | 3 |
| Type PNP | KAS-80-A24-A-K-NL |
| Art.-No. | KA 0419 |
| Connection diagram No. | 6 |
| Operating voltage (U_B) | 12...30 V DC |
| Output current max. (I_o) | 2 x 200 mA |
| Voltage drop max. (U_d) | ≤ 2.0 V |
| Permitted residual ripple max. | 5 % |
| No-load current (I_o) | < 15 mA |
| Frequency of operating cycles max. | 50 Hz |
| Permitted ambient temperature | -25...+70 °C |
| LED-display | Yellow |
| Protective circuit | Built-in |
| Degree of protection IEC 60529 | IP 67 |
| Norm | EN 60947-5-2 |
| Connection cable | 5 m, PVC, 4 x 0.5 mm ² |
| Housing material | PA / PPO |
| Active surface | PA / PPO |
| Lid | PA / PPO |

All specifications are subject to change without notice. (01.04.2010)



Made in Germany