



Capacitive Sensors Sensors In Black
Series 70 - NPN
Series 80 - PNP

Housing M32 x 1.5

- **Housing material: PA**
- **Non-flush mountable**
- **Sensing distance 3...30 mm adjustable**
- **With special EMC protection against high static charges**



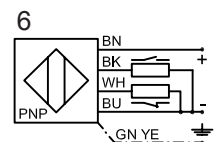
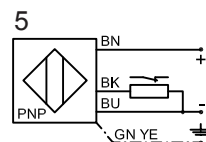
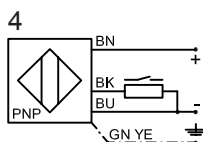
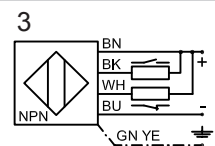
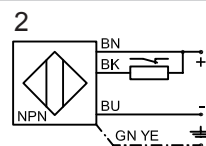
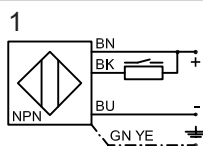
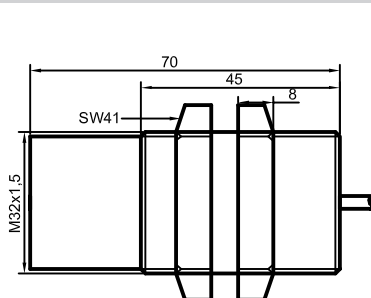
Certificate:

Technical data

| | |
|---|------------------------------|
| Operating distance S_n [mm], flush mounting | 15, no |
| Operating distance min./max. [mm] adjustable | 3...30 |
| Electrical version | 5-wire DC |
| Output | antivalent |
| Type NPN | KAS-70-35-A-K-M32-EST |
| Art.-No. | 720 500 |
| Connection diagram No. | 3 |

| | |
|-------------------------------|------------------------------|
| Type PNP | KAS-80-35-A-K-M32-EST |
| Art.-No. | 820 500 |
| Connection diagram No. | 6 |

| | |
|------------------------------------|--------------------------------------|
| Operating voltage (U_B) | 10...35 V DC |
| Output current max. (I_e) | 2 x 250 mA |
| Load current min. | - |
| Voltage drop max. (U_d) | ≤ 2.0 V |
| Permitted residual ripple max. | 10 % |
| No-load current (I_0) | typ. 15 mA |
| Frequency of operating cycles max. | 50 Hz |
| Permitted ambient temperature | -25...+70°C |
| LED-display | green/yellow |
| Protective circuit | built-in |
| Degree of protection IEC 529 | IP 67 |
| Connection cable | PVC 2 m, 5 x 0.34 mm ² |
| Housing material | PA |
| Active surface | PA |
| Lid | PA |



All specifications are subject to change without notice. (11/2003)