



## Capacitive Sensors

### Series 80 - PNP

Housing  $\varnothing = 26\text{mm} / 1'' / 40\text{mm}$

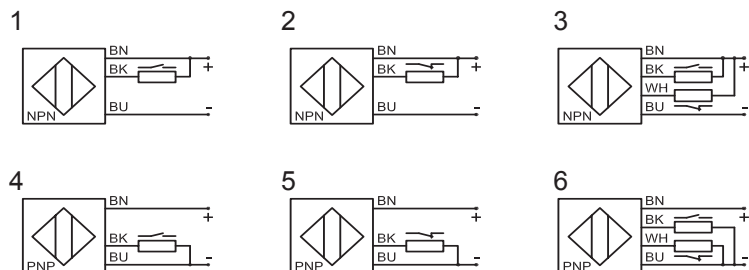
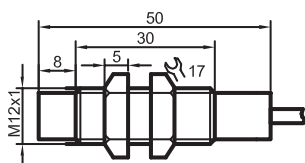
- Housing material PTFE
- Ideal for detection of chemically aggressive media
- Ideal for use in food applications
- Sensing distance 0.5...10 mm adjustable

Certificate:



|   |                                    |
|---|------------------------------------|
| Technical data                          | Non-flush mountable                |
| Operating distance $S_n$                | 4 mm                               |
| Operating distance min./max. adjustable | 0.5...10 mm                        |
| Electrical version                      | 4-wire DC                          |
| Output                                  | Antivalent (NO + NC)               |
| Type NPN                                |                                    |
| Art.-No.                                |                                    |
| Connection diagram No..                 |                                    |
| Type PNP                                | KAS-80-A22-A-K-PEEK                |
| Art.-No.                                | KA 0690                            |
| Connection diagram No.                  | 6                                  |
| Operating voltage ( $U_B$ )             | 10...35 V DC                       |
| Output current max. ( $I_o$ )           | 2 x 250 mA                         |
| Load current min.                       | -                                  |
| Voltage drop max. ( $U_d$ )             | $\leq 2.0\text{ V}$                |
| Permitted residual ripple max.          | 10%                                |
| No-load current ( $I_o$ )               | 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 60529          | IP 67                              |
| Norm                                    | EN 60947-5-2                       |
| Connection cable                        | 2 m, PUR, 4 x 0.14 mm <sup>2</sup> |
| Housing material                        | PEEK                               |
| Active surface                          | PEEK                               |
| Lid                                     | PA                                 |

All specifications are subject to change without notice. (22.02.2008)



**Made in Germany**