



## Capacitive Sensors Series 80 - PNP

Housing Ø 11 mm

- Housing material: Brass
- Sensing distance 0.5...5 mm adjustable



Certificate:



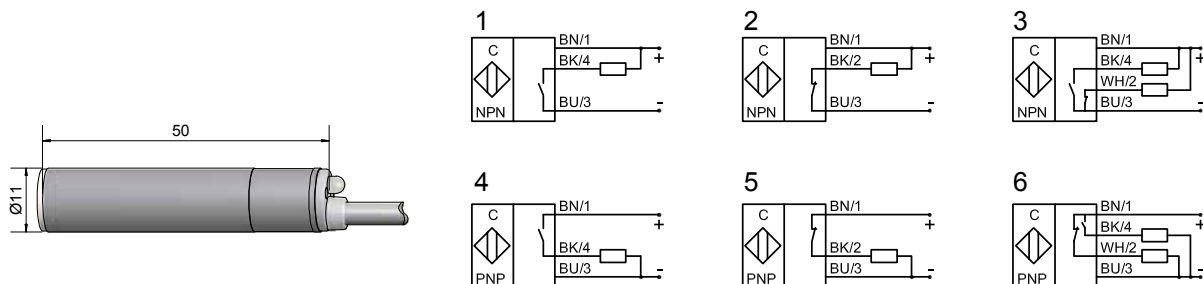
### Technical data

Flush mountable

|                                           |                                    |
|-------------------------------------------|------------------------------------|
| Operating distance $S_n$                  | 2 mm                               |
| Operating distance min. / max. adjustable | 0.5...5 mm                         |
| Electrical version                        | 4-wire DC                          |
| Output function                           | Antivalent                         |
| <b>Type NPN</b>                           |                                    |
| <b>Art.-No.</b>                           |                                    |
| Connection diagram No.                    |                                    |
| <b>Type PNP</b>                           |                                    |
| <b>KAS-80-10-A</b>                        |                                    |
| <b>Art.-No.</b>                           |                                    |
| <b>KA 0045</b>                            |                                    |
| Connection diagram No.                    |                                    |
| 6                                         |                                    |
| Operating voltage ( $U_B$ )               | 10...35 V DC                       |
| Output current max. ( $I_o$ )             | 2 x 250 mA                         |
| Voltage drop max. ( $U_d$ )               | ≤ 2.0 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                          | Brass                              |
| Active surface                            | PTFE (FDA 21 CFR 177.1550)         |
| Lid                                       | PA / PPO                           |

**Assessors** for mounting (is not delivered with the sensor) please see our selection of accessories.

\* With sealed potentiometer screw



**Made in Germany**

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