



## Capacitive Sensors Series 80 - PNP

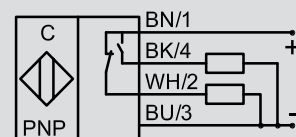
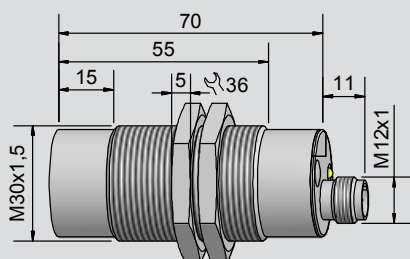
Housing M 30 x 1.5

- Capacitive sensor for level and position control
- Housing material: PA / PPO
- Sensing distance 2...25 mm adjustable
- With flange connector M 12 x 1



|  |                                     |
|--|-------------------------------------|
| <b>Technical data</b>  | Non-flush mountable                 |
| Operating distance $S_n$   | 15 mm                               |
| Operating distance min. / max. adjustable                        | 2...25 mm                           |
| Electrical version   | 4-pin DC                            |
| Output   | Antivalent (NO + NC)                |
| <b>Type PNP</b>  | <b>KAS-80-A24-A-M30-PPO-Y3-1-NL</b> |
| <b>Art.-No.</b>  | <b>KA 0333</b>                      |
| Operating voltage ( $U_B$ )                                      | 12...30 V DC                        |
| Voltage drop max. ( $U_g$ )                                      | $\leq 2.0$ V                        |
| Permitted residual ripple max.                                   | 5 %                                 |
| Operating current ( $I_e$ )                                      | 2 x 0...200 mA                      |
| 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   | Flange connector M 12 x 1           |
| Housing material   | PA / PPO                            |
| Active surface   | PA / PPO                            |
| Lid  | PA / PPO                            |
| <b>Accessories</b> (delivered with the sensor)                   | 2 nuts M 30 x 1.5                   |
| For matching connectors please see our selection of accessories. |                                     |

All specifications are subject to change without notice. (15.05.2019)



\* With sealed potentiometer screw

**Made in Germany**