



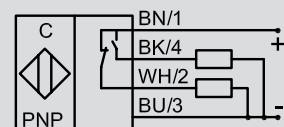
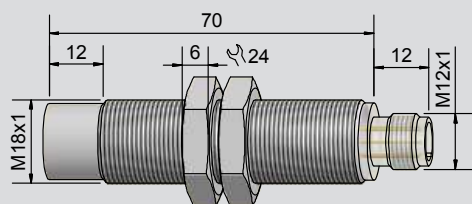
## Capacitive Sensors Series 80 - PNP

Housing M 18 x 1

- Capacitive sensor for level and position control
- Housing material: PA / PPO
- Sensing distance 0.5...15 mm adjustable
- With flange connector M 12 x 1



| Technical data                                                   | Non-flush mountable                 |
|------------------------------------------------------------------|-------------------------------------|
| Operating distance $S_n$                                         | 8 mm                                |
| Operating distance min. / max. adjustable                        | 0.5...15 mm                         |
| Electrical version                                               | 4-pin DC                            |
| Output function                                                  | Antivalent                          |
| <b>Type PNP</b>                                                  | <b>KAS-80-A23-A-M18-PPO-Y3-1-HP</b> |
| <b>Art.-No.</b>                                                  | <b>803 450</b>                      |
| Operating voltage ( $U_B$ )                                      | 10...35 V DC                        |
| Voltage drop max. ( $U_g$ )                                      | $\leq 2.0$ V                        |
| Permitted residual ripple max.                                   | 5 %                                 |
| Operating current ( $I_e$ )                                      | 2 x 0...250 mA                      |
| No-load current ( $I_o$ )                                        | Typ. 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                            |
| Media optimized                                                  | Yes                                 |
| <b>Accessories</b> (delivered with the sensor)                   | 2 nuts M 18 x 1                     |
| For matching connectors please see our selection of accessories. |                                     |



\* With sealed potentiometer screw

**Made in Germany**

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