



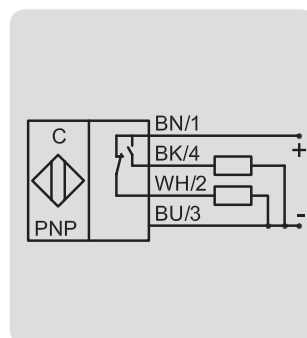
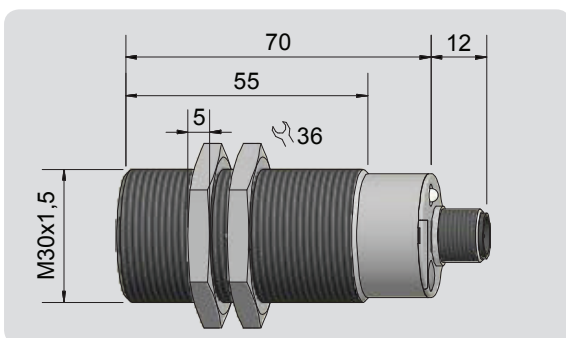
## Capacitive Sensors Series 80 - PNP

Housing M 30 x 1.5

- Housing material: PA / PPO
- Sensing distance 0...20mm adjustable
- With flange connector M 12 x 1



|                                                                                                                     |                                        |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Technical data</b>                                                                                               | Flush mountable                        |
| Operating distance $S_n$                                                                                            | 5 mm                                   |
| Operating distance min. / max. adjustable                                                                           | 0...20mm                               |
| Electrical version                                                                                                  | 4-pin DC                               |
| Output function                                                                                                     | Antivalent                             |
| <b>Type PNP</b>                                                                                                     | <b>KAS-80-A14-A-M30-PPO-HC-Y5-E-NL</b> |
| <b>Art.-No.</b>                                                                                                     | <b>KA 1486</b>                         |
| Operating voltage ( $U_B$ )                                                                                         | 12...30 V DC                           |
| Voltage drop max. ( $U_d$ )                                                                                         | $\leq 2.0$ V                           |
| Permitted residual ripple max.                                                                                      | 10 %                                   |
| Operating current ( $I_e$ )                                                                                         | 2 x 0...200 mA                         |
| No-load current ( $I_o$ )                                                                                           | Typ. 15 mA                             |
| Frequency of operating cycles max.                                                                                  | 2 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                                                                                                          | Flange connector M 12 x 1              |
| Housing material                                                                                                    | PA / PPO                               |
| Active surface                                                                                                      | PA / PPO                               |
| Lid                                                                                                                 | PA / PPO                               |
| Media optimized                                                                                                     | Yes                                    |
| <b>Accessories</b> (is delivered with the sensor)                                                                   | 2 nuts M 30 x 1.5                      |
| <b>Accessories</b> (not delivered with the sensor) For matching connectors please see our selection of accessories. |                                        |



**Made in Germany**

All specifications are subject to change without notice. (14.08.2017)