



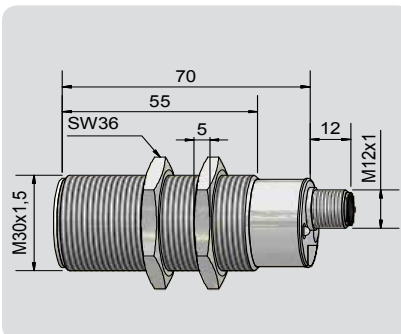
## Capacitive Sensors Series 80 - PNP

Housing M 30 x 1.5

- Housing material: Brass
- Sensing distance 0,5...25 mm adjustable
- With flange connector M 12 x 1
- Easy Teach Push Button



|                                                                                                                     |                                          |
|---------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| <b>Technical data</b>                                                                                               | Flush mountable                          |
| Operating distance $S_n$                                                                                            | 10 mm                                    |
| Operating distance min. / max. adjustable                                                                           | 0,5...25 mm                              |
| Electrical version                                                                                                  | 4-pin DC                                 |
| Output function                                                                                                     | Antivalent                               |
| <b>Type PNP</b>                                                                                                     | <b>KAS-80-A14-A-M30-PTFE/MS-Y5-ET-HP</b> |
| <b>Art.-No.</b>                                                                                                     | <b>KA 1480</b>                           |
| Operating voltage ( $U_B$ )                                                                                         | 10...35 V DC                             |
| Voltage drop max. ( $U_d$ )                                                                                         | ≤ 2.0 V                                  |
| Permitted residual ripple max.                                                                                      | 10 %                                     |
| Operating current ( $I_e$ )                                                                                         | 2 x 0...250 mA                           |
| No-load current ( $I_o$ )                                                                                           | Typ. 15 mA                               |
| Frequency of operating cycles max.                                                                                  | 25 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                                                                                                    | Brass                                    |
| Active surface                                                                                                      | PTFE (FDA 21 CFR 177.1550)               |
| 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. |                                          |



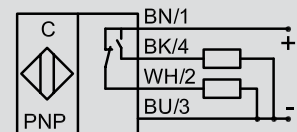
### EasyTeach chart:

LED / output function

green = A1

yellow = A2

- Adjustment "empty"
- Initializing "empty"
- Adjustment "full"
- Initializing "full"
- Factory reset
- Test



**Made in Germany**