



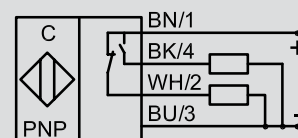
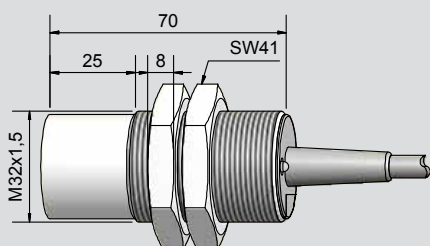
## Capacitive Sensor Series 80 - PNP

Housing M 32 x 1.5

- Capacitive sensor for level and position control
- Useable for an ambient temperature up to +100 °C
- Housing material: PTFE
- Sensing distance 1...40 mm adjustable



| Technical data                                    | Non-flush mountable                       |
|---------------------------------------------------|-------------------------------------------|
| Operating distance $S_n$                          | 25 mm                                     |
| Operating distance min. / max. adjustable         | 1...40 mm                                 |
| Electrical version                                | 4-wire DC                                 |
| Output function                                   | Antivalent                                |
| <b>Type PNP</b>                                   | <b>KAS-80-35-A-M32-PTFE-100C-Z02-1-HP</b> |
| <b>Art.-No.</b>                                   | <b>819 255</b>                            |
| Operating voltage ( $U_B$ )                       | 10...35 V DC                              |
| Voltage drop max. ( $U_d$ )                       | $\leq 2.0$ 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.                | 50 Hz                                     |
| Permitted ambient temperature                     | -25...+100 °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, PVC, 4 x 0.5 mm <sup>2</sup>         |
| Housing material                                  | PTFE (FDA 21 CFR 177.1550)                |
| 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 32 x 1.5                         |



\* With sealed potentiometer screw

**Made in Germany**

All specifications are subject to change without notice. (18.02.2020)