



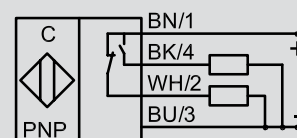
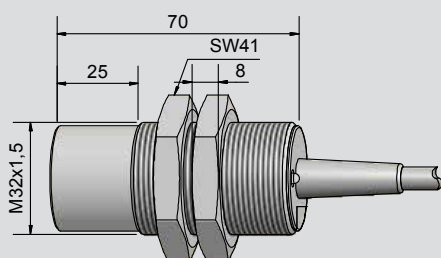
## Capacitive Sensor Series 80 - PNP

Housing M 32 x 1.5

- Capacitive sensor for level and position control
- Housing material: PA / PPO
- Sensing distance 2...30 mm adjustable



| Technical data                            | Non-flush mountable               |
|-------------------------------------------|-----------------------------------|
| Operating distance $S_n$                  | 20 mm                             |
| Operating distance min. / max. adjustable | 2...30 mm                         |
| Electrical version                        | 4-wire DC                         |
| Output                                    | Antivalent                        |
| Type PNP                                  | KAS-80-35-A-M32-PPO-Z02-1-NL      |
| Art.-No.                                  | KA 0440                           |
| Operating voltage ( $U_B$ )               | 12...30 V DC                      |
| Voltage drop max. ( $U_d$ )               | $\leq 2.0$ 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 cable                          | 2 m, PVC, 4 x 0.5 mm <sup>2</sup> |
| Housing material                          | PA / PPO                          |
| Active surface                            | PA / PPO                          |
| Lid                                       | PA / PPO                          |
| Accessories (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)