



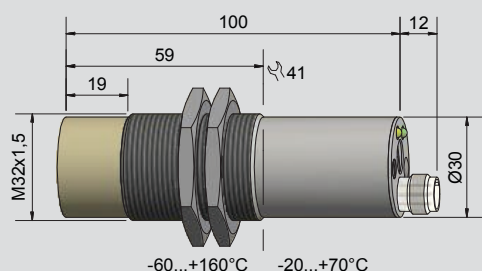
## Capacitive Sensors Series 2000 - **quattro**<sup>3</sup>

Housing M 32 x 1.5

- Active surface material: PEEK
- For level control with a product temperature up to +160 °C
- Sensing distance 2...20 mm adjustable
- Multifunction sensor: NPN / PNP; NO / NC function switchable
- With flange connector M 12 x 1



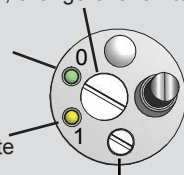
| Technical data                                      | Non-flush mountable                         |
|-----------------------------------------------------|---------------------------------------------|
| Operating distance $S_n$                            | 15 mm                                       |
| Operating distance min. / max. adjustable           | 2...20 mm                                   |
| Electrical version                                  | 3-pin DC                                    |
| Output function                                     | NO / NC function switchable                 |
| Type PNP                                            | <b>KAS-2000-35-P-M32-PEEK/VAb-160C-Y3-1</b> |
| Art.-No.                                            | <b>KA 1387</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 ( $I_e$ )                         | 400 mA                                      |
| No-load current ( $I_o$ )                           | Typ. 15 mA                                  |
| Frequency of operating cycles max.                  | 50 Hz                                       |
| Permitted ambient temperature                       | -60...+160 °C / -20...+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 (A-coded)         |
| Housing material                                    | Stainless steel VA No. 1.4305 (AISI 303)    |
| Active surface                                      | PEEK (FDA 21 CFR 177.2415)                  |
| Lid                                                 | PA / PPO                                    |
| Accessories (delivered with the sensor)             | 2 nuts M 32 x 1.5                           |
| Matching connectors (not delivered with the sensor) | #193391, #193392                            |



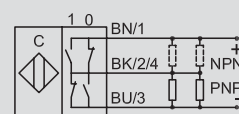
Sealing screw, change-over switch

LED green  
standby

LED yellow  
operating state



Sealing screw,  
potentiometer



\* With sealed potentiometer screw

**Made in Germany**

All specifications are subject to change without notice. (15.07.2020)