



## Capacitive Sensors Series 40 - NAMUR

Housing Ø 6.5 mm

- Housing material: Stainless steel VA
- Sensing distance 0.5...3 mm adjustable, if used in connection with the switching amplifier TS-120...

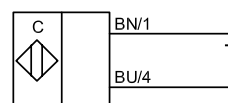
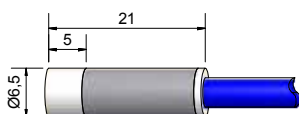
Certificate:



### Technical data

Non-flush mountable

|                                           |                                            |
|-------------------------------------------|--------------------------------------------|
| Operating distance $S_n$                  | 2 mm                                       |
| Operating distance min. / max. adjustable | 0.5...3 mm                                 |
| Electrical version                        | 2-wire DC                                  |
| Output function                           | NAMUR EN 60947-5-6                         |
| <b>Type</b>                               | <b>KAS-42-6.5/20-N-D6.5-PTFE/VAb-Z02-0</b> |
| <b>Art.-No.</b>                           | <b>400 480</b>                             |
| Operating voltage ( $U_B$ )               | 5...10 V DC                                |
| Output current active surface free        | < Typ. 1.5 mA                              |
| Output current active surface covered     | > Typ. 2.5 mA                              |
| Self-inductance (L)                       | 390 mH                                     |
| Self-capacitance (C)                      | 210 nF                                     |
| Permitted residual ripple max.            | 5%                                         |
| Frequency of operating cycles max.        | 50 Hz                                      |
| Permitted ambient temperature             | -25...+70 °C                               |
| LED-display                               | -                                          |
| Degree of protection IEC 60529            | IP 67                                      |
| Connection cable                          | 2 m, PVC, 2 x 0.14 mm <sup>2</sup>         |
| Housing material                          | VA No. 1.4305                              |
| Active surface                            | PTFE (FDA 21 CFR 177.1550)                 |
| Lid                                       | PTFE (FDA 21 CFR 177.1550)                 |



**Made in Germany**

All specifications are subject to change without notice. (01/2018)