



## i-LEVEL Capacitive Filling Level Probe - KFI

Analogue current output 4...20 mA

- Integrated evaluation electronics
- Easy Teach by wire
- Housing material: PTFE, Ø 16 mm
- Connection head and process connection stainless steel VA no. 1.4305 / AISI 303
- Process connection G1"
- Probe length max. 2000 mm
- With flange connector M 12 x 1 (5-pin Teach function included)



### Technical data

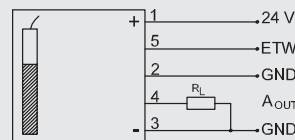
|                                     |  |
|-------------------------------------|--|
| Active zones [M]                    | 443 mm                                       |
| Electrical version                  | 4 - pin DC                                   |
| Output function                     | Analogue                                     |
| <b>Type</b>                         | <b>KFI-1-500-443-IL4-PTFE/VA-G1"-Y10-ETW</b> |
| <b>Art.-No.</b>                     | <b>KI 0075</b>                               |
| Operating voltage ( $U_b$ )         | 15...30 V DC                                 |
| Permitted residual ripple max.      | 5 %  |
| Load resistance ( $R_L$ )           | $\leq 400 \Omega$                            |
| Power consumption (outputs no-load) | 0,9 W  |
| Analogue output                     | 4...20 mA                                    |
| Permitted ambient temperature       | -25...+70 °C                                 |
| LED-Display                         | Green  |
| Protective circuit                  | Built-in                                     |
| Degree of protection IEC 60529      | IP 67  |
| Norm                                | EN 60947-5-2*                                |
| Connection                          | Flange connector M 12 x 1 (5-pin)            |
| Housing material                    | VA No. 1.4305 / AISI 303                     |
| Active zone                         | PTFE (FDA 21 CFR 177.1550)                   |
| Lid                                 | PC (FDA 21 CFR 177.1580)                     |

For matching connectors please see our selection of accessories.

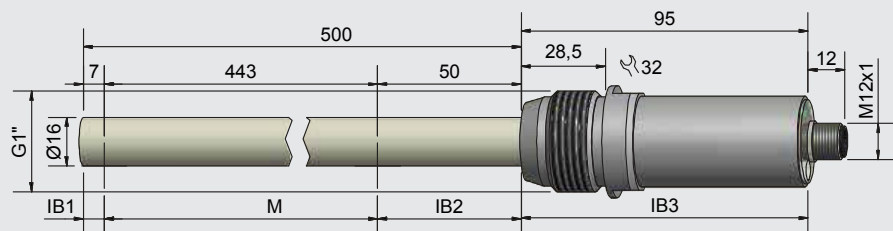
\*Where applicable

#### EasyTeach chart:

- LED green / Adjustment function
- Adjustment Min.
  - Adjustment Max.
  - Factory set
  - Test



Other housing materials for the active zone (probe), like PE, GFK, PVDF or PEEK on request.



Made in Germany

All specifications are subject to change without notice. (11/2014)