



## i-LEVEL Capacitive Filling Level Probe - KFI

Analogue current output 4...20 mA

2 programmable limit value switching points

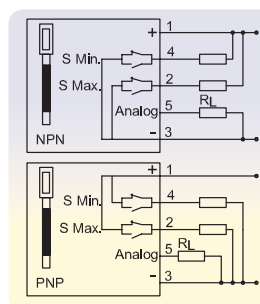
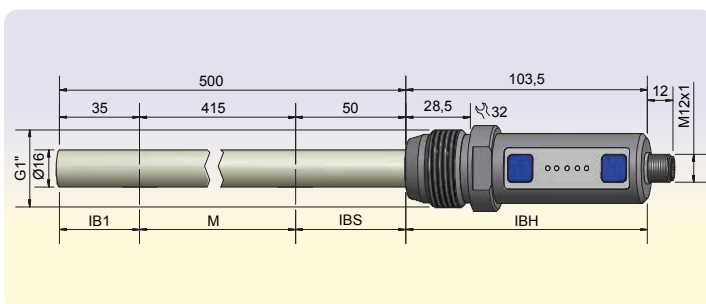
- Integrated evaluation electronics
- Housing material: GFK, Ø 16 mm
- Connection head and process connection stainless steel VA no. 1.4305 / AISI 303
- Process connection G1"
- Multifunction probe: Automatic identification of NPN- / PNP function
- Normally open / normally closed function switchable
- Electronic lock



### Technical data

|                                                                  |                                                                                      |
|------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Active zone [mm]                                                 | 415 mm                                                                               |
| Electrical version                                               | 5 - pin DC                                                                           |
| Output function                                                  | Analogue, 2 limit value switching points, Normally open / normally closed switchable |
| Type                                                             | KFI-12-500-415-GFK/VA0-D16-G1-IL4-ETF-Y10                                            |
| Art.-No.                                                         | KI 0139                                                                              |
| Operating voltage ( $U_B$ )                                      | 18...30 V DC                                                                         |
| Permitted residual max.                                          | 5 %                                                                                  |
| Load resistance ( $R_L$ )                                        | $\leq 400 \text{ Ohm}$                                                               |
| Output current                                                   | 100 mA                                                                               |
| Power consumption (outputs no-load)                              | 0,8 W                                                                                |
| Analogue output                                                  | 4...20 mA                                                                            |
| Switching frequency max.                                         | 1 Hz                                                                                 |
| Permitted ambient temperature                                    | -25...+55 °C                                                                         |
| Permitted ambient temperature (for active zone)                  | -25...+100 °C                                                                        |
| Pressure                                                         | 10 bar                                                                               |
| 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                                                            |
| Housing material                                                 | VA No. 1.4305 / AISI 303 / polyester                                                 |
| Active zone                                                      | GFK                                                                                  |
| For matching connectors please see our selection of accessories. |                                                                                      |

\*Where applicable



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

Made in Germany