



## ■-LeVeL Capacitive Filling Level Probe - KFI

Analogue current output 4...20 mA  
2 programmable limit value switching points

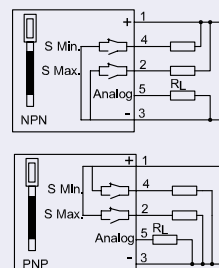
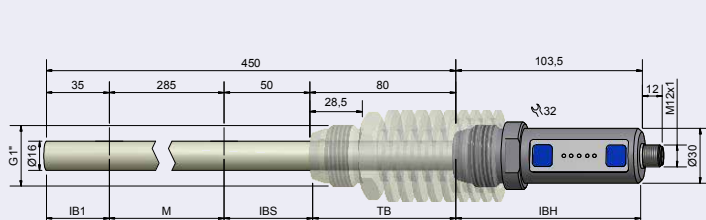
- Integrated evaluation electronics
- Housing material: PEEK, 16 mm Ø
- Connection head and process connection stainless steel VA no. 1.4305
- Process connection G1"
- Multifunction probe: Automatic identification of NPN / PNP function
- Normally open / normally closed function switchable
- Electronic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



### Technical data

Active zone [mm]	285 mm
Electrical version	5 - pin DC
Output function	Analogue, 2 limit value switching points, Normally open / normally closed switchable
Type	<b>KFI-12-450-285-PEEK/VAb-D16-TB80-G1-IL-4-ETF-Y10</b>
Art.-No.	<b>KI 0018</b>
Operating voltage (U <sub>B</sub> )	18...30 V DC
Permitted residual max.	5 %
Load resistance (R <sub>L</sub> )	≤ 400 Ω
Operating current (I <sub>a</sub> )	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...+200 °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 (A-coded)
Housing material	VA No. 1.4305 / polyester
Active zone	PEEK (FDA 21 CFR 177.2415)
Accessories (are not delivered with the probe)	Temperature buffer TP80 #194020

All specifications are subject to change without notice. (06.01.2020)



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

\*Where applicable \*\* The information is based on the use of the specified temperature buffer (See Accessories)

**Made in Germany**