



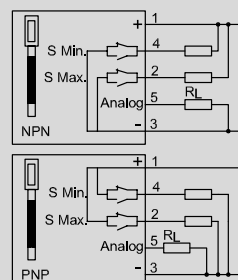
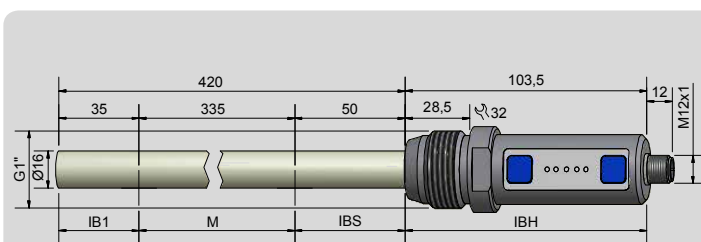
**L&V&L Capacitive Filling Level Probe - KFI**  
**Analogue voltage output 0...10 V**  
**2 programmable limit value switching points**

- Integrated evaluation electronics
- Housing material: PTFE, 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]	335 mm
Electrical version	5 - pin DC
Output function	Analogue, 2 limit value switching points, Normally open / normally closed switchable
<b>Typ</b>	<b>KFI-12-420-335-PTFE/VAb-D16-G1-UL0-ETF-Y10</b>
<b>Art.-Nr.</b>	<b>KI 0055</b>
Operating voltage (U <sub>B</sub> )	18...30 V DC
Permitted residual max.	5 %
Load resistance (R <sub>L</sub> )	≥ 2 K Ohm
Output current	100 mA
Power consumption (outputs no-load)	0,8 W
Analogue output	0...10 V
Switching frequency max.	1 Hz
Permitted ambient temperature	-25...+55 °C
Permitted ambient temperature (for active zone)	-25...+100 °C
Pressure	1 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	PTFE (FDA 21 CFR 177.1550)
For matching connectors please see our selection of accessories.	

All specifications are subject to change without notice. (27.05.2019)



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

\*Where applicable

**Made in Germany**