



## 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]	363 mm
Electrical version	4 - pin DC
Output function	Analogue
<b>Type</b>	<b>KFI-1-500-363-IL4-PTFE/VA-TB80-G1"-Y10-ETW</b>
<b>Art.-No.</b>	<b>KI 0079</b>
Operating voltage (U <sub>b</sub> )	15...30 V DC
Permitted residual ripple max.	5 %
Load resistance (R <sub>L</sub> )	≤ 400 Ω
Power consumption (outputs no-load)	0,9 W
Analogue output	4...20 mA
Permitted ambient temperature	-25...+70 °C
Permitted ambient temperature	-25...+200 °C (IB1, M, IB2)
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)

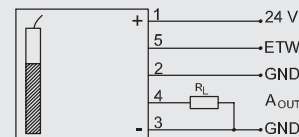
**Accessories:** Temperature buffer TP80 # 194020 for mounting (is not delivered with the probe)

For matching connectors please see our selection of accessories.

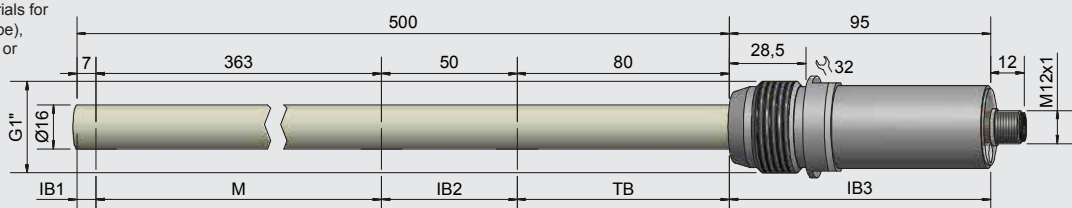
\*Where applicable

### 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)