



L&VEL Capacitive Filling Level Probe - KFI 1 Limit value switching point

- 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"
- Automatic identification of NPN / PNP function
- Probe length max. 2000 mm
- With flange connector M 12 x 1 (5-pin Teach function included)



Technical data

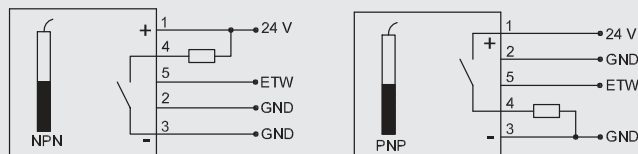
Active zones [M]	363 mm
Electrical version	4 - pin DC
Output function	1 limit value switching point, normally open
Type	KFI-5-1-500-363-S-PTFE/VA-TB80-G1"-Y10-ETW
Art.-No.	KI 0081
Operating voltage (U _b)	15...30 V DC
Permitted residual ripple max.	5 %
Output current max.	100 mA
Power consumption (outputs no-load)	0,9 W
Frequency of operating cycles max.	1 Hz
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)

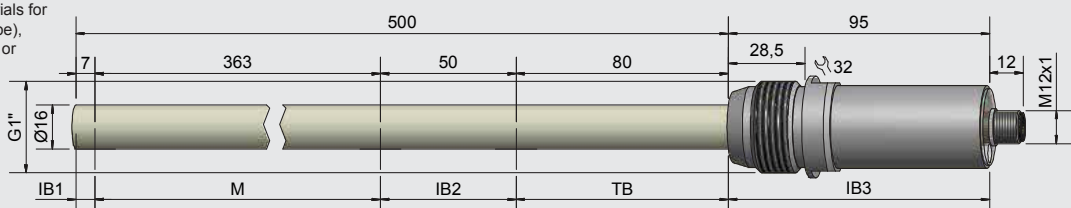
For matching connectors please see our selection of accessories.

*Where applicable

EasyTeach chart:
LED green / Adjustment function



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)