i-LEVEL Capacitive Filling Level Probe - KFI

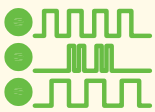
1 Limit value switching point

- Integrated evaluation electronics
- Easy Teach by wire
- Housing material: GFK, 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
- With flange connector M 12 x 1 (5-pin Teach function included)

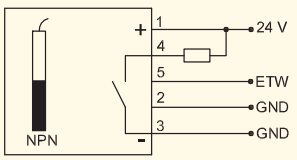
Technical data	
Active zones [M]	443 mm
Electrical version	4 - pin DC
Output function	1 limit value switching point, normally open
Type	**KFI-51-500-443-GFK/VAb-D16-G1-S-ETW-Y10**
Art.-No.	**KI 0059**
Operating voltage (U_B)	15...30 V DC
Permitted residual ripple max.	5 %
Output current max.	100 mA
Power consumption (outputs no-load)	0,9 W
Frequency of operating cycles max.	1 Hz
Permitted ambient temperature	-25...+70 °C
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	GFK
Lid	PC (FDA 21 CFR 177.1580)
For matching connectors please see our selection of accessories.	

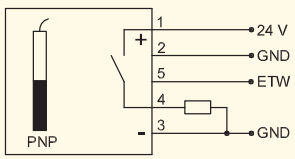
*Where applicable

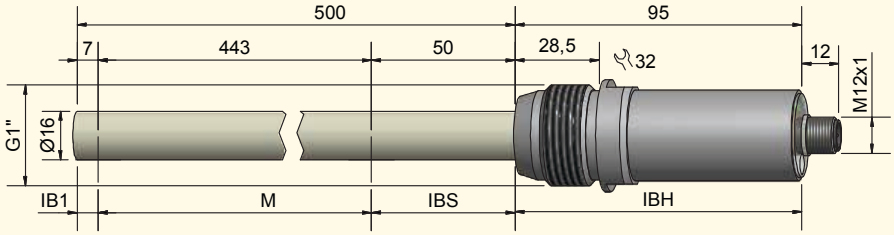
EasyTeach chart:
LED green / Adjustment function



Adjustment
Factory set
Test







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

All specifications are subject to change without notice. (05/2018)

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