



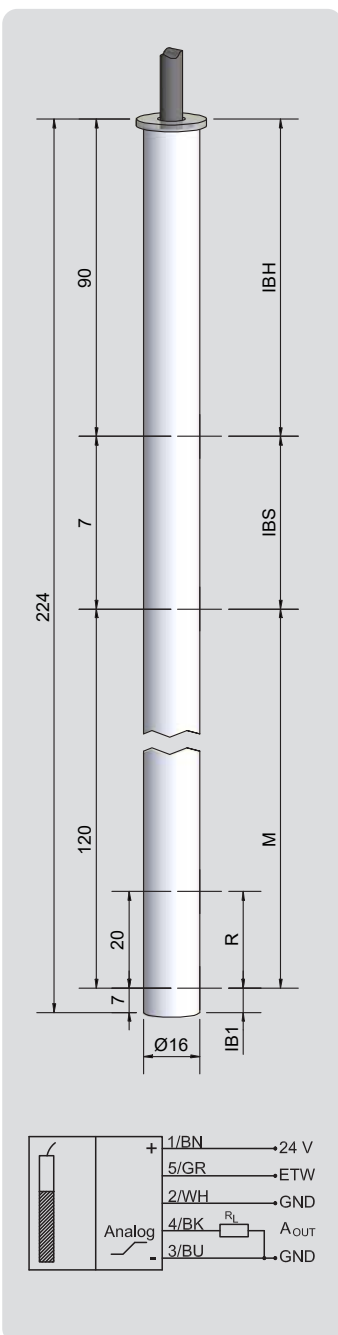
Capacitive filling level probe

Series TiLevel

Article number KI0234

Description KFI-1-20-224-120-PTFE-D16-IL4-ET-Ti-Z02

- For bulk materials and liquids with dielectric constant between 1.5 and 80.
- Automatic compensation of the dielectric constant
- One-time minimum setting with empty container, i.e. no product necessary
- One setting for all media, i.e. no new setting required when changing the medium
- ETW = Sensitivity adjustment is done by connecting a line.
- ETM = Sensitivity adjustment is made by magnet on the teach spot.
- Integrated evaluation electronics, analogue current output 4...20 mA



Technical data

Active zone [M]	120 mm
Probe length	224 mm
Output function	Analogue
Sensitivity adjustment	ETW / ETM selectable
Operating voltage (U _B)	15...30 V DC
Load resistance (R _L)	≤ 200 Ω
Power consumption (outputs no-load)	0.9 W
Analogue output	4...20 mA
Permitted ambient temperature	-25...+70 °C
Permitted residual ripple max.	5 %
LED-Display	Green
Protective circuit	Built in
Degree of protection IEC 60529	IP67
Connection	Cable, 2 m, PVC, 5 x 0.34 mm ²
Norm	EN 60947-5-2 (where applicable)
Housing material	PTFE (FDA 21 CFR 177.1550)
Material active zone	PTFE (FDA 21 CFR 177.1550)
Material lid	PC (FDA 21 CFR 177.1580)
Housing size	D16
MTTF (average operating time until failure in Years)	739.81 Years

Accessories for mounting (not delivered with the probe) please see our selection of accessories.

Made in Germany