

Datasheet

PA/3W, PAH/3W

PA/3W PAH/3W

Level sensors



The capacitive PA/3W and PAH/3W tube sensors are typically used for low-conductive liquids, such as oils, fuels, alcohols and solvents, as well as for fresh water level measurement.

The sensor consists of a protective tube, a measuring cable, and a transmitter. The tube is delivered as 0,3/0,5/1 m parts.

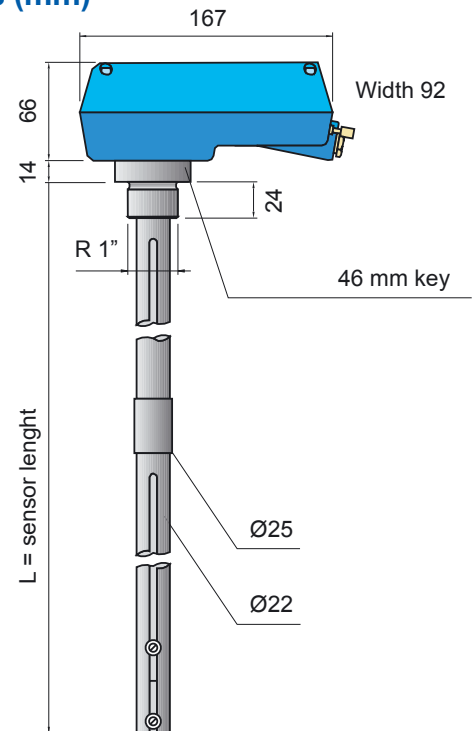
The sensors can be installed in hazardous areas of class 0/1/2.

Technical details

PA/3W, PAH/3W high surface level sensor

Control unit	POP-22 EXI
Operating principle	Capacitive
Materials	
Parts in contact with the substance	PA/3W: FEP and galvanised steel PAH/3W: FEP and acid-resistant steel AISI
Transmitter case	316 Aluminium casting
Enclosure	IP 65
Operating temperature	
Sensor	-40...+150 °C
Transmitter	-25... +60 °C
Interface	R 1"
Cabeling	Protected cable, min. (3+1) x 0,5 mm ²
Maximum lenght	4 m
Always specify the substance to be measured (including the dielectric constant, if known) and the length of the probe when ordering.	
Transmitters	
linearity from measuring range	± 1 %
Ex-classification	II 1 G Ex ia IIB T5 Ga, ATEX
Ex-interface values	U _i =30 V, I _i =100 mA, P _i =750 mW, C _i =1 nF, L _i =50 µH

Dimensions (mm)



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