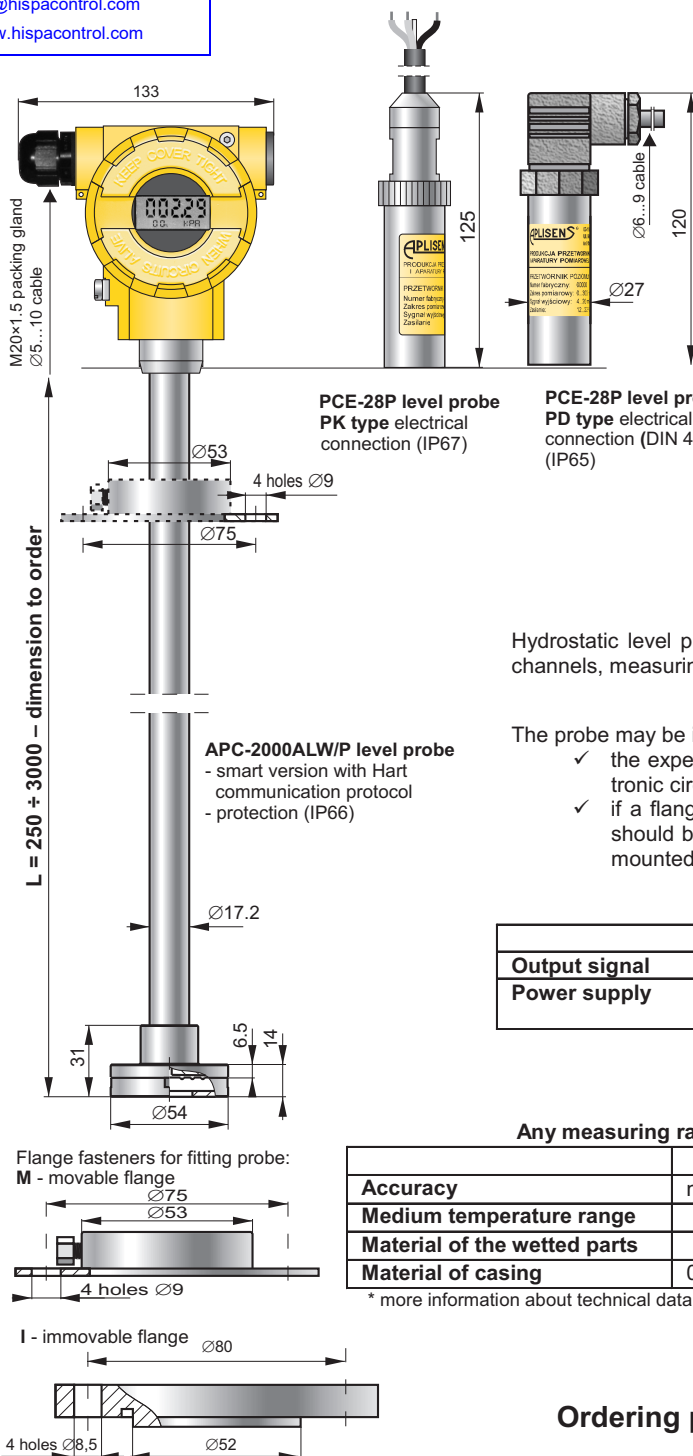


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# Hydrostatic level probe type PCE-28P and APC-2000ALW/P



**PCE-28P level probe**  
PK type electrical connection (IP67)

**PCE-28P level probe**  
PD type electrical connection (DIN 43650) (IP65)

**APC-2000ALW/P level probe**  
- smart version with Hart communication protocol  
- protection (IP66)

✓ Any measuring range from 0...200 to 0...3000 mm H<sub>2</sub>O

✓ ATEX Intrinsic safety (version PCE-28P only)

Ex I M1 Ex ia I Ma  
II 1/2G Ex ia IIC T4/T5/T6 Ga/Gb  
II 1D Ex ia IIIC T110°C Da

IECEX Ex ia I Ma  
Ex ia IIC T4/T5/T6 Ga/Gb  
Ex ia IIIC T110°C Da

✓ Smart version – with Hart protocol (version APC-2000ALW/P only)

✓ Marine certificate - DNV, BV (version PCE-28P only)

### Application

Hydrostatic level probes are applicable to measure levels of liquids in open tanks, channels, measuring constrictions of open channels, streams etc.

### Installation

The probe may be installed in any manner subject to the following conditions:

- ✓ the expected maximum level of liquid may not cause flooding of the electronic circuits;
- ✓ if a flange fastener is to be used to install the probe in the tank cover, it should be ordered alongside with the probe, as these fasteners are to be mounted during the probe manufacturing.

### Electrical parameters\*

	PCE-28P	APC-2000ALW/P
<b>Output signal</b>	4 ± 20 mA	4 ± 20 mA + Hart protocol
<b>Power supply</b>	8 ± 36 VDC (Ex 9...28 VDC)	10 ± 55 VDC

### Technical data\*

Any measuring range from 0...200 to 0...3000 mm H<sub>2</sub>O

	PCE-28P	APC-2000ALW/P
<b>Accuracy</b>	max. +/- 0,25%	max. +/- 0,1%
<b>Medium temperature range</b>	-25 ± 80°C	
<b>Material of the wetted parts</b>	00H17N14M2 (316Lss)	
<b>Material of casing</b>	0H18N9 (SS304)	aluminum or SS316

\* more information about technical data and electrical parameters available in user's manual.

### Ordering procedure

PCE-28P / / / ÷ / / L = ... m./

APC-2000ALW/P / / / ÷ / / L = ... M./

#### Special version:

- Ex – ATEX Intrinsic safety
- MR – Marine certificate
- 10 ± 70°C – extended thermal compensation range

Start and end of measuring range, in relation to 4 mA and 20mA output

Type of electrical connection: PD, PK

Tube length

Fitting accessories:

- M - movable flange
- I - immovable flange

#### Special versions:

- 316ss - casing material SS316
- T - medium temperature till 100°C

Start and end of measuring range, in relation to 4 mA and 20mA output

Tube length

Fitting accessories:

- M - movable flange
- I - immovable flange