

# Hydrostatic Level measurement Waterpilot FMX11

## Simple and reliable level probe for freshwater applications



### Benefits:

- Simple and reliable transmitter for various drinking water applications
- Easy installation, commissioning and operation
- Orderable with flexible measuring ranges and cable lengths tailored to fit your application
- Robust construction for durable long-term services
- Suitable for surface water monitoring in rivers and lakes as well as level monitoring for drinking water production, e.g. in water towers, dams, gauging stations
- Compact size  $d=22\text{mm}$  (0.87"), makes this an excellent choice for applications in bore holes and small diameter stilling wells.
- Simple specification and ordering

from **CZK7,297.00**

Price as of 06.12.2021

More information and current pricing:

[www.cz.endress.com/FMX11](http://www.cz.endress.com/FMX11)

### Specs at a glance

- **Accuracy**  $p_n \geq 400\text{mbar}$ : 0.35 %  $p_n < 400\text{mbar}$ : 0.50 %
- **Process temperature**  $-10^\circ\text{C} \dots +70^\circ\text{C}$  ( $+14^\circ\text{F} \dots +158^\circ\text{F}$ )
- **Pressure measuring range** 200 mbar...2 bar (3 psi...29 psi)
- **Process pressure absolute / max. overpressure limit** 10 bar (145 psi)
- **Main wetted parts** 316L

**Field of application:** The Waterpilot FMX11 transmitter is typically used in environmental applications for hydrostatic level measurement. It is certified for drinking water applications and can be used in wells, storage tanks, water towers, dams, gauging stations, lakes and rivers.

### Features and specifications

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**Pressure****Measuring principle**Hydrostatic pressure

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**Characteristic**

Compact probe with metallic cell for hydrostatic level measurement  
in fresh water, ground water and potable water storage.

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**Supply voltage**8...28 VDC

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**Reference Accuracy**

$p_n \geq 400\text{mbar}$ : 0.35 %  
 $p_n < 400\text{mbar}$ : 0.50 %

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**Long term stability**0.1 % of URL/year

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**Process temperature**

-10°C...+70°C  
(+14°F...+158°F)

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**Ambient temperature**

-10°C...+70°C  
(+14°F...+158°F)

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**Measuring cell**

200 mbar...2 bar  
(3 psi...29 psi)

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**Process connection**

Suspension clamp  
Cable mounting screws

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**Material process membrane**Metal

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**Communication**4...20 mA

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**Pressure****Drinking water approvals**NSF, KTW, ACS

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**Continuous / Liquids****Measuring principle**Hydrostatic

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**Characteristic / Application**

Compact probe with metallic cell for hydrostatic level measurement in fresh water, ground water and potable water storage.

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**Supply / Communication**8...28 VDC

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**Accuracy**pn  $\geq$  400mbar: 0.35 %pn < 400mbar: 0.50 %

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**Long term stability**0.1% of URL/year

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**Ambient temperature**

-10°C...+70°C

(+14°F...+158°F)

---

**Process temperature**

-10°C...+70°C

(+14°F...+158°F)

---

**Process pressure absolute / max. overpressure limit**10 bar (145 psi)

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**Pressure measuring range**

200 mbar...2 bar

(3 psi...29 psi)

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## Continuous / Liquids

### Main wetted parts

316L

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### Process connection

Suspension clamp  
Cable mounting screws

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### Max. measurement distance

200 m H<sub>2</sub>O  
(656 ft H<sub>2</sub>O)

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### Communication

4...20 mA

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### Drinking water approvals

NSF, KTW, ACS

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More information [www.cz.endress.com/FMX11](http://www.cz.endress.com/FMX11)