

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 **CHF272.00**

Price as of 02.12.2021

More information and current pricing:

www.ch.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°F...+158°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

Pressure**Measuring principle**Hydrostatic pressure

Characteristic

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

Supply voltage8...28 VDC

Reference Accuracy

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

Long term stability0.1 % of URL/year

Process temperature

-10°C...+70°C
(+14°F...+158°F)

Ambient temperature

-10°C...+70°C
(+14°F...+158°F)

Measuring cell

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

Process connection

Suspension clamp
Cable mounting screws

Material process membraneMetal

Communication4...20 mA

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

Continuous / Liquids**Measuring principle**Hydrostatic

Characteristic / Application

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

Supply / Communication8...28 VDC

Accuracypn \geq 400mbar: 0.35 %pn < 400mbar: 0.50 %

Long term stability0.1% of URL/year

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 limit10 bar (145 psi)

Pressure measuring range

200 mbar...2 bar

(3 psi...29 psi)

Continuous / Liquids

Main wetted parts

316L

Process connection

Suspension clamp

Cable mounting screws

Max. measurement distance

200 m H₂O

(656 ft H₂O)

Communication

4...20 mA

Drinking water approvals

NSF, KTW, ACS

More information www.ch.endress.com/FMX11