



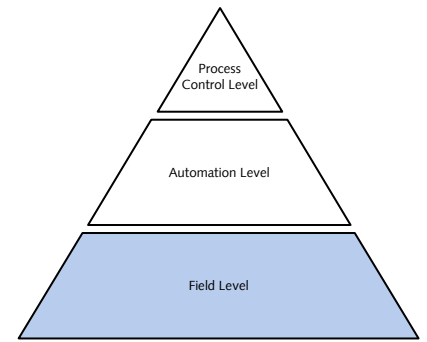
MPW2Q

High-Precision Pressure Gauge

**PRESSURE and LEVEL Measurement of the 0.015% class -
COMPACT - RUGGED - EASY ASSEMBLY -
ANALOGUE OUTPUTS (LEVEL, GRADIENT, VOLUME) -
DIGITAL OUTPUTS (Trend, Limit Value, GRAY, BCD, Binary) -
RS 232 OUTPUT**

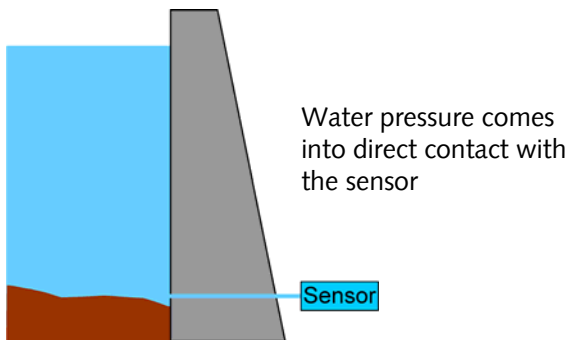
Arguments

- Best use of the potential energy of the storage volume by most exact measuring of max. and min. water level
- Cost savings by optimization of the water balance
- Maintenance-free due to drift-free measuring technique
- Most exact measuring data for the determination of plant capacity and plant efficiency
- Designed for rough industrial applications

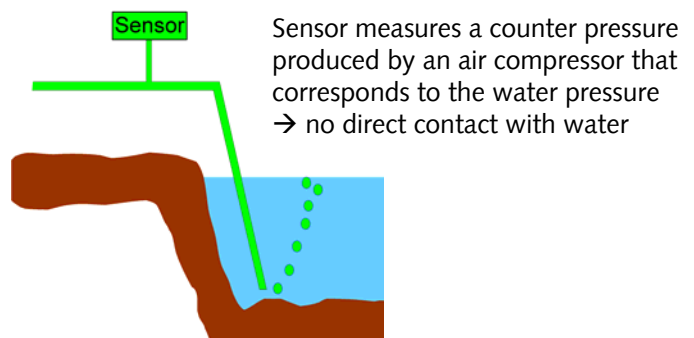


Design versions

Hydrostatic Measurement MPW2QH



Pneumatic Measurement MPW2QP



Technical Data

Measuring Ranges

- 0 ... 20 to 0 ... 275 m H₂O
- 0 ... 30 to 0 ... 400 psi

Resolution / Accuracy

- 1 mm H₂O / 0.015%

Analogue Outputs

- 3 x 0/4 ... 20 mA, 12 bit

Digital Outputs

- OK-relay
- 4 limit values, trend
- 26 bit measured value (GRAY, BCD, Binary)
- Contact load AC/DC 60V, 0.5 A
- RS 232 interface

Display

- Back-lighted LCD, 2 x 16 characters

Power Supply

- 110/230 VAC ±20% 48 ... 63 Hz
- 24 ... 36 VAC ±20% 48 ... 63 Hz
- 24 ... 48 VDC ±20%
- ≤ 16 W resp. ≤ 20 VA

Operating Temperature

- MPW2QH: +5 ... +60°C [+41 ... +140°F]
- MPW2QP: -10 ... +60°C [+14 ... +140°F]

Protection Class

- IP66 Pressure sensor, IP65 Processing unit

Dimensions (H/W/D)

- Pressure sensor: 160/130/82 mm [6.3/5.1/3.2 in.]
- Processing unit: 374/374/157 mm [14.7/14.7/6.2 in.]

Weights

- Pressure sensor: 3 kg [6.6 lb]
- Processing unit: 12 kg [26.5 lb]



This product concurs with the authoritative terms of the EU.

0082520.E01

Subject to change

200806 Ges

21.040.0003100.001.01.4.4

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