

Ultrasonic measurement Time-of-Flight Prosonic FMU95

Transmitter in housing for field or top hat rail
mounting for up to 10 sensors
FDU90/91/92/93/95



Benefits:

- Simple, menu-guided operation with 6-line plain text display, 15 languages selectable
- Envelope curves on the display for quick and simple diagnosis
- Easy operation, diagnosis and measuring point documentation with the supplied "FieldCare" operating program
- Time-of-Flight correction via integrated or external temperature sensors
- Linearization (up to 32 points, freely configurable)
- System integration via PROFIBUS DP with up to 20 measured values
- Automatic detection of the sensors FDU9x

Specs at a glance

- **Accuracy** +/- 2mm + 0.17% of measured distance

Field of application: Prosonic FMU95 separated version with field housing or top hat rail housing for control cabinet instrumentation are suited for continuous, non-contact level measurement of fluids, pastes, sludge and powdery to coarse bulk solids.

Features and specifications

Continuous / Liquids

Measuring principle

Ultrasonic

Continuous / Liquids**Characteristic / Application**

Separated version with Field housing or top hat rail housing for control cabinet instrumentation, 5 or 10 channel version

Specialities

Protection Class IP 66 / NEMA 4x
automatic sensor recognition of FDU9x sensors

Supply / Communication

90 ... 253 VAC
10.5 ... 32 VDC
Profibus DP

Accuracy

+/- 2mm + 0.17% of measured distance

Ambient temperature

-40 °C ... 60 °C
(-40 °F ... 140 °F)

Communication

Profibus DP

Certificates / Approvals

ATEX, CSA

Options

Illuminated display, 6 line graphic display with country specific menu guidance, on-site diagnosis with envelope curve on display

Components

Sensors FDU9x

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More information www.au.endress.com/FMU95