

Solitrend MMP40 – Moisture measurement in conductive media

For continuous and batch processes in conductive bulk solids and slurries



Benefits:

- Easy commissioning in challenging processes
- Deep material permeation (35 mm)
- Wide moisture range from 0-100 % possible
- Variant mounting accessories
- Integrated transmitter for simple plant integration

More information and current pricing:

www.cz.endress.com/MMP40

Field of application: Our guided radar moisture sensor offers a unique wear performance and durable technology with a minimized need for recalibration and process costs through providing information on moisture content at any time. Increase your product quality and reduce energy efforts due to reliable moisture measurement.

Features and specifications

Moisture in bulk solids

Measuring principle

Guided radar

Moisture in bulk solids

Application

Moisture measurement in heterogeneous bulk solids with the density from 1...3 g/ cm³ like fresh concrete, sewage sludge, slurries and other conductive materials

Measuring method

Contact inline measurement

Measurement range

Recommended moisture range %/ vol.: 0...100 %

Material permeation depth

Up to 35 mm
(0.11 ft)

Consistency of the sample

Conductivity range:
0...max. 20 mS/ cm

Temperature sensor

Yes

Process temperature

0...+70°C
(+32°F...+158°F)

Accuracy

Up to +/-0.1 % abs.

Output / communication

0...20 mA
4...20 mA

Options

Remote display
Sensor cables
Baffle plate
Universal holder
Sliding carriage

Moisture in bulk solids

More information www.cz.endress.com/MMP40