

## Solitrend MMP44 – Reliable inline moisture measurement

For grain and seed handling and mainly in continuous drying processes and malting



### Benefits:

- Easy commissioning in challenging processes
- Deep material permeation (130 mm)
- Large measuring field volume (up to 1,5 l)
- Optional sensors for high moisture, steamy processes or abrasive media.  
Ambient temperature up to 120 °C due to remote electronic
- Wide moisture range from 0-100 % possible
- Calibration presets for e.g. corn and wheat
- Surface and capillary moisture measurement

More information and current pricing:

[www.be.endress.com/MMP44](http://www.be.endress.com/MMP44)

**Field of application:** Avoid under- and over- drying of grains and seeds through our guided radar moisture sensor which provides information on the 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 grain and similar heterogeneous bulk solids with the density from 0.3...1 g/ cm<sup>3</sup>

Possible applications: Grain dryers, grain handling, seed handling or malthouse

### Measuring method

Contact inline measurement with two rods sensor and transmitter

### Measurement range

Recommended moisture range %/ vol.: 0...50 %

### Material permeation depth

Up to 130 mm (0.43 ft)

### Consistency of the sample

Conductivity range:

0...max. 2 mS/ cm

### Temperature sensor

Yes

### Process temperature

0...+120°C

(+32°F...+248°F)

### Accuracy

Up to +/-0.3 % abs.

### Output / communication

0...20 mA

4...20 mA

## Moisture in bulk solids

### Options

Remote display

Sensor cables

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