MOISTURE

Moisture Sensor Type FHA696MF

- Moisture sensor for determination of the moisture content in mineral construction materials, wood and cardboard.
- Indirect measurement of the moisture through the determination of the dielectric constant.
- Capacity measurement through a high frequency electromagnetic field, which penetrates the material in a non-destructive way.

Accessories:

Test block for min. construct. materials Order No. ZB9696PE05
Test block for wood, paper, cardboard Order No. ZB9696PE30

Types:

Moisture sensor **Order No. FHA696MF**

Technical Data:

Measuring method:	capacitive
Resolution:	0.1%
Measuring range (moisture):	0 to 50% moisture
Measuring range (material):	mineral construction materials 0 to 20%, woods 0 to 50%, paper and cardboard 0 to 20%
Housing:	plastic handle with integrated electronics 40mm Ø, 130mm long
Terminal block:	aluminium/plastic 20 x 25 x 70mm
Measuring comb:	stainless spring steel 0.5mm, 70 x 35mm
Weight:	260g
Nominal temperature:	15 to 25°C
Operative range:	0 to +60°C
Storage temperature:	–20 to +80°C
Signal output:	0 to 2V
Power supply:	+8 to +12V
Current consumption	approx. 7mA

Moisture Sensor Type FHA636MF

- Moisture sensor for determination of the moisture content in wood.
- Indirect moisture measurement according to the principle of conductivity.
- Determination of the moisture content in the material through the dependence of the electrical resistance on the moisture.

Accessories:

Teflon-insulated measuring tip - helps avoid measuring errors in the event of surface moisture, 1 piece
(2 pieces are needed per probe.) Order No. ZB9636MFST

Types:

Wood moisture probe **Order No. FHA636MF**

Technical Data:

Measuring method:	principle of conductivity
Measuring range:	7 to 30 % moisture in wood
Housing:	plastic handle 40mm Ø, 130mm long
Measuring tips:	stainless steel, uninsulated 3mm Ø, 50mm long
Weight:	260g
Reproducibility:	± 1%
Nominal temperature:	23°C ±2°C
Operating temperature:	0 to +60°C
Storage temperature:	–20 to +80°C
Signal output:	0 to 2V
Power supply:	7.5 to +12V
Current consumption	max. 10mA