

Moisture Sensor FHA 696 MF



- 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.

Technical Data

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

Accessories

- Test block for min. construct. materials
- Test block for wood, paper, cardboard

Order no.

- ZB9696PE05
- ZB9696PE30

Type

Moisture sensor

Order no.

FHA696MF

Wood moisture probe FHA 636 MF Hand-held probe for mobile test measurements



- 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.

Technical Data

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

Accessories

- PTFE-insulated measuring tip - helps avoid measuring errors in the event of surface moisture, 1 piece (2 pieces are needed per probe)

Order no.

ZB9636MFST

Type

Wood moisture probe

Order no.

FHA636MF