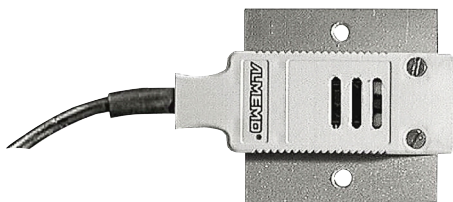


Dew Point Detector, Water Detection Probe

Dew Point Detector FHA 9461



- Dew detector for determination of dew conditions.
- Consisting of one temperature sensor and an integrated sensor chip with CCC dew point sensor.
- Particularly suitable in building physics for control measurements and stationary installation.
- The dew point detector does not provide a measuring signal but a step function: dewed (100%) / no dew (0%).

Technical Data

Principle of measurement:	CCC sensor	Signal output:	scaled voltage approx. 0 to 1V
Operative range:	0°C to +70°C (no ice formation, no saliferous atmosphere)	Current consumption:	approx. 3mA
Settling time:	final value after 2 to 60 seconds	Heat flow plate:	aluminium, 40 x 40mm
Temperature sensor:	NTC type N (10k at 25°C), accuracy: ±0.1°C (within operative range)	Storage temperature:	-10°C bis +70°C

Types

Sensor and electronics integrated in ALMEMO® connector, mounted on heat conducting plate made of aluminium

Order no.

FHA9461

Water Detection Probe FHA 936 WD



- Water detection probe for instant detection of uncombined water.
- Particularly suitable for construction applications, especially in locations that are difficult to check visually, e.g. at sealing joints, under cement floors etc.
- Indirect moisture measurement according to the principle of conductivity.
- Probe with two collets for easy electrode replacements.
- Electrodes in three different designs for matching any required application.

Technical Data

Measuring method:	detection of water	Weight:	260g
Meas. values:	<10% no water >10% water	Nominal temperature:	23°C ±2°C
Housing:	plastic handle 40mm Ø, 130mm long	Operating temperature:	0 to +60°C
Electrodes:	stainless steel	Storage temperature:	-20 to +80°C
Electrode types:	uninsulated with rounded tip: 200mm long, 3mm Ø uninsulated with sharp-edged tip: 50mm long, 3mm Ø spring steel strap: 200mm long, 6mm wide, 0.5mm high	Signal output:	ALMEMO® (approx. 0 to 2V)
		Power supply:	7.5 to 15V
		Current consumption:	max. 10 mA

Type

Water detection probe

Order no.

FHA936WD