

# POLARMOIST™



Optical Moisture Measurement for Aggregates



## Exact Moisture Measurement Improves Concrete Quality

Polarm moist is an optical, non-contact moisture measurement sensor for the concrete industry with excellent performance and a long service life.

### Benefits

- Optical, non-contact measurement of the aggregate moisture content
- Long service life: no moving parts, no wear or tear
- Unique usability for both fine and coarse aggregates
- Reliable and accurate measuring result
- Only one time calibration per material
- Quick to install
- Connects to any batch plant control system

## Many companies worldwide have already chosen Polarm moist

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*"We have several of these sensors in use and they have fulfilled all of our expectations."*

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*"This is one of the best moisture sensors we have ever used."*

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*"One of the benefits is that the sensor does not touch the material."*

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*"Polarm moist is basically maintenance free and easy to install."*

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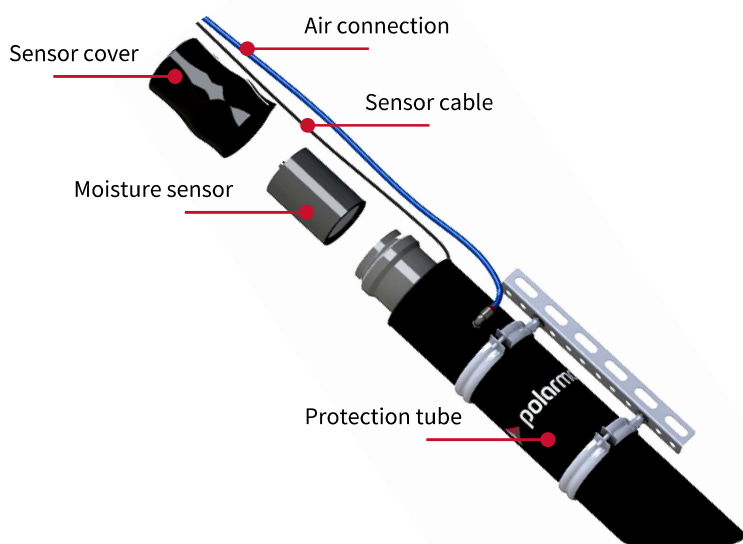
*"The probes are of high quality and deliver very good results. We are very satisfied."*

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Order online now:  
[shop.polarmatic.com](http://shop.polarmatic.com)



## Polarmoist Construction



## Polarmatic Oy

For over 50 years Polarmatic has been the globally leading developer and provider of innovative heating, curing, cooling, control and information management solutions for the concrete industry.

We have delivered over 1.200 solutions from our plant in Tampere, Finland. Our proven solutions are used at batch plants and precast concrete factories all over the world - from the coldest arctic areas to the warmest of corners in tropics.

With Polarmatic's energy-efficient and environmentally friendly solutions, concrete producers will increase their annual production volumes and also improve their turnovers through significant savings in fuel costs as well as decreased operational and maintenance costs.

How about your business - how can we help you?



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## Specification

### Sensor Type:

LED / Infrared

### Power Supply:

24 VDC

### Dimensions:

Length 635 mm / 25"

Diameter 110 mm / 4-1/3"

### Measuring Range:

0 - 16 % fine and coarse aggregates

### Measuring Distance:

0,6 - 1,6 m / 2-5 ft

### Output:

Ethernet RJ45 to Polarmoist Software

Analog 4-20 mA to Control System

alternatively 0-20 mA, 0-10 V, 2-10 V

### Accuracy:

0,3% by weight with homogenous sample,  
resolution 0,01%

### Scope of Supply:

Minimum scope of supply includes sensor with cable, dust protection tube with mounting bracket and nozzle for pressurized air, connection box (per 3 sensors), power supply, software and user manual.

### Optional Extras:

Temperature sensor, Ethernet switch, power supply, calibration service