OPTICAL PARTICLE PROFILER MAX-OPC-N3

Item code: MAX-OPC-N3

Description: Internal Sensor module for measuring outdoor PM1.0, PM2.5, and PM10; Modbus output.

Used for: MAQM-MAX

SENSOR SPECIFICATION

MEASURING SPECIFICATION	
Measuring technology	Laser light scattered method for PM1.0, PM2.5 and PM10
Particle range	0.3 to 40 um
Detection limit (PM1)	0.01 ug/m3 to 200 ug/m3
Detection limit (PM2.5)	0.01 ug/m3 to 2000 ug/m3
Detection limit (PM10)	0.01 ug/m3 to 2000 ug/m3
Resolution	0.01 ug/m3
Accuracy	+/- 10% of Reading value
Sample flowrate	5.5 L/min
Working Temperature	-10 .. + 50 oC
Working Humidity	0..95% RH non-condensing, continuous
Laser Classification	Class 1
Power supply	9..36VDC, max 30mA

Revision #2
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