



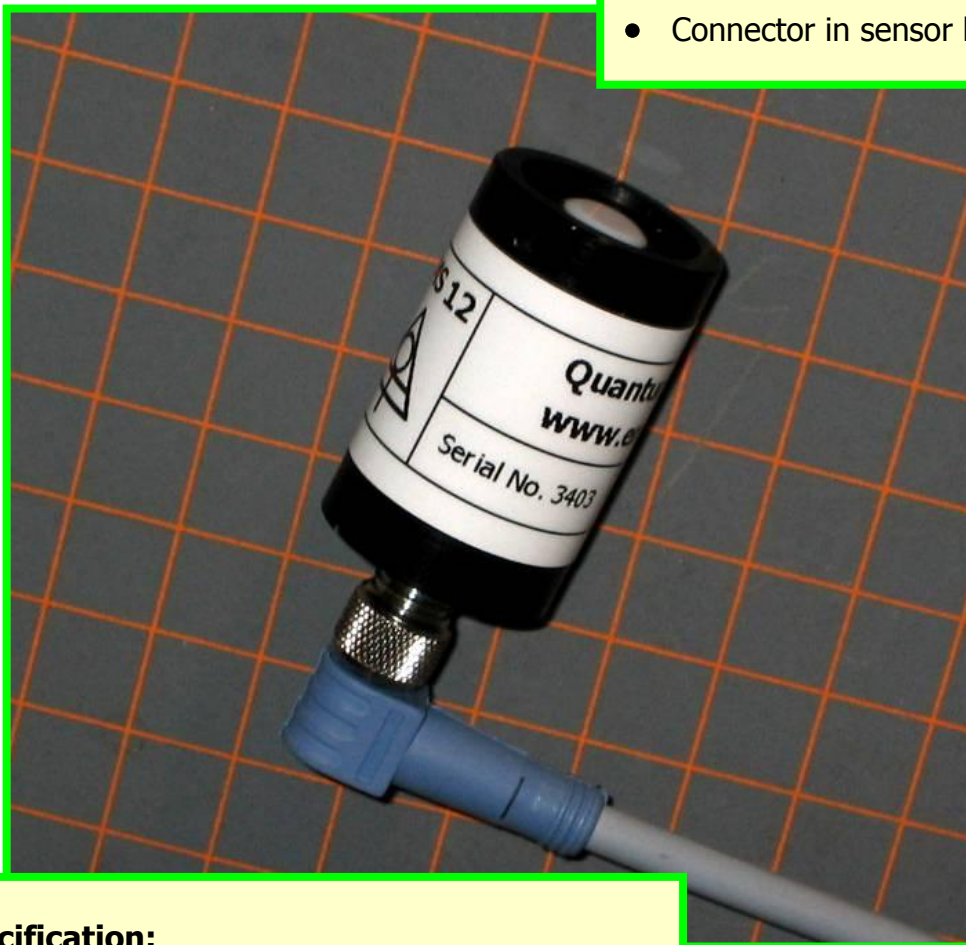
Environmental Measuring Systems

Turistická 5, 621 00 BRNO, Czech Republic, www.emsbrno.cz

Quantum Sensor EMS 12

Main features:

- 400 to 700 nm range
- Voltage output
- Silicon photovoltaic detector
- Connector in sensor body



Specification:

- Sensitivity typically 15 mV @ 2000 $\mu\text{mol s}^{-1} \text{m}^2$
- Linearity up to 1% up to 2000 $\mu\text{mol s}^{-1} \text{m}^2$
- Cosine error <10% up to 85 deg. angle of incidence
- Operating Temperature -20 to 60 deg.C
- Size: diameter 22 mm, length 39 mm

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EMS 12 - sensor characteristics:

