

extensions

The essentim extensions are sensor extensions that are connected by cable to an essentim sensor (sphere or spider) to measure different parameters.



Specifications:

- an extension is automatically recognized when it is connected to an essentim sensor
- Plug & Play - a connection is established by plugging an extension into a registered sphere or spider
- the measurement data can be displayed and visualized in the essentim web application
- A gateway is required for data transmission from the sensor to the cloud

extension Portfolio:

Type	Article-Nr.	Description	Specifications	Dimensions
pt100	1PEX2ES003	Temperature probe	-90 to +60 °C typ. class A accuracy -196 to -90 °C typ. ± 3 °C (Drift max 1 °C/year)	Cable: 3 m, \varnothing 1.7 mm Probe: 50 mm, \varnothing 4 mm
K-type	1KEX2ES003	Temperature probe	-40 to +375 °C (typ. ± 1.5 °C)	Cable: 3 m, \varnothing 2.4 mm Probe: 50 mm, \varnothing 4 mm
CO2	1CEX2ES001	CO2 Sensor incl temperature and humidity sensor	0 – 25 vol% (typ. +/- 0.5 vol% +3 % measured value; max +/- 1 vol%) -20 to +85 °C (typ. ± 0.3 °C) 0 – 95 % rH (typ. ± 2 %)	Cable: 3 m, \varnothing 1.7 mm Probe: 50 mm, \varnothing 6 mm
I/O	1PCX1ES001	Potential-free contact	1 or 0	Cable: 3 m, \varnothing 4 mm
WLD	1W LX1ES001	Water Leakage Detector	1 or 0	3 m, \varnothing 4 mm
Analogue	1ACX1ES001	4-20 mA, Almost any industrial sensor is possible, contact info@essentim.com for more information		

Operating Conditions: -10 to + 58 °C, 0 % to 80% rH non condensing (plug)

Certified: CE, FCC (pt100)
RoHS compliant