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SMART SENSOR - CSS 014

CSS

01420.2-00
CSS 014 Smart sensor, -40°C…+60°C, 0…100% RH, 4-20mA output, M12 connector



- High Accuracy
- 4-20mA Temperature & Humidity outputs
- Compact DIN or screw mount
- M12 Quick connect socket
- IO-Link version

PRODUCT DESCRIPTION

The compact Smart Sensor CSS 014 electronically records temperature and humidity and converts the measured data into a standardized analog 4-20 mA or a digital IO-Link signal.

The converted value signals can be utilized or further processed by a control or monitoring unit, e.g. a PLC control.
The Smart Sensor is suitable for installation inside and outside the enclosure, even in harsh environmental conditions as can be found in the wind power industry: in shielded outdoor areas and exposed to vibrations.

TECHNICAL DATA

IP class	IP20

Storage temperature	-40°C ... +85°C
Power consumption	18 W
Operating humidity	< 90% RH
Protection class	III
Approvals	CE, cRUus, RoHS, UL, VDE
Connection type	M12 round plug connector
Control range humidity from	0 % RF
Control range humidity to	100 % RF
Control range temperature from	-40 °C
Control range temperature to	60 °C

Depth	38 mm
Humidity storage	<90% RH
Width	40 mm
Height	140 mm
Weight	5 kg
Material of body	Plastic
Mounting	TS 35, Screw fixing
Operational temperature	-40°C ... +70°C







