SMART SENSOR - CSS 014

CSS

01400.2-00
** Replaced by 01420.2-00 **

- 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

GENERAL DATA

Control range temperature from	-40 °C
Control range temperature to	60 °C
Control range humidity from	0 % RF
Control range humidity to	100 % RF
Mounting	TS 35, Screw fixing

RATED OPERATING CONDITIONS

Connection type	M12 round plug connector
Operational temperature	-40°C ... +70°C
Storage temperature	-40°C ... +85°C
Operating humidity	< 90% RH

Humidity storage	<90% RH

DIMENSIONS

Height	140 mm
Width	40 mm
Depth	38 mm
Weight	0,05 kg
Material of body	Plastic

SAFETY & APPROVALS

Protection class	III
IP class	IP20
Approvals	CE, cRUus, RoHS, UL, VDE

Power consumption	1,8 W