DATASHEET

Product name	Temperature and Humidity Sensor	
Type / Model	THS SENSOR 20 12DC TCP/IP	
Order Code	ZZ0582-2.30	Date of last revision: 21. 11. 2018

THS SENSOR 20 12DC TCP/IP is an electronic device for measuring and displaying air temperature and humidity. Its built-in LCD display provides immediate high precision reading to the user in real time. Sensor can be connected to one or more *large-size displays on the LAN Ethernet network. External power supply adapter 230VAC/12VDC (order code KTR-0020) is required to power the sensor.

* Please note, large-size display parameters can be found in datasheet for CDN 100 TH R L20 230AC TCP/IP.

Temperature and Humidity Sensor Technical Specifications

Humidity measurement range	5% ~ 95%
Humidity precision	+/- 3%
Temperature measurement range	-30°C ~ +70°C
Temperature precision	+/- 0,5°C
Communication interface	LAN, Ethernet
Communication protocol	TCP/IP, special protocol as described in protocol description
Power supply	9 ~ 24 VDC**
Class of protection	IP 20 (for indoor use only)
Dimensions	120 mm x 208 mm x 51 mm (see dimensional drawing)

** sensor must be powered from an external power supply adapter 230VAC/12VDC, order code: KTR-0020.

Dimensional Drawing

208.0

120.0

106.0

SENSOR

⟨51⟩

28.0

⟨80⟩

50.5

⟨80⟩

50.5

RJ45
LAN CABLE

2x⌀4.3

POWER SUPPLY
CONNECTOR

102.0

⌀15