Web Sensor with PoE - two channels with flood detector and binary inputs



code: P8653

P-line Web Sensor with PoE for measuring temperature, relative humidity, with flood detector and binary inputs for two-states signals.
Web Sensors P8653 is designed to measure temperature or relative humidity from up to two external probes. This allows to measure values from two different places by one device.

Device is equipped by three binary inputs. P8653 have dedicated first binary input for connection of flood detector LD-81 (included).
Other two binary inputs can be used to connection of dry contacts or binary sensors with voltage output.
Communication with the device is realized via Ethernet network. P8653 can be powered from external power supply adapter or by using power over Ethernet – PoE.

Processing and analysis of measured data:

- online in COMET Cloud
- COMET Database software
- integration into 3-party systems

With a newly purchased WebSensor with Ethernet communication, you receive 3 months of COMET Cloud. for free; a full year of operation in COMET Cloud. then requires 1 credit.

Technical data

TEMPERATURE SENSOR	
Measuring range	-55 to +105 °C
Accuracy	according to the connected probe DSxx
Resolution	0.1 °C
HUMIDITY SENSOR	
Measuring range	according to the connected probe DSxx
Accuracy	according to the connected probe DSxx
Resolution	0.1% RH
FLOOD DETECTOR	
Usage	Intended for indoor usage only
Cable length	2.5 meters (can`t be extended)
Two wire connection	red wire – active, black wire – GND, directly powered from P8653
BINARY INPUT	
Parameters of the voltage contact	Voltage input level for „L“:< 1,0 V; Voltage input level for „H“:> 2,5 V; Internal resistivity of the voltage source < 2kOhm Input voltage range 0 to +30 V
Parameters of the voltage-free contact	Voltage on the unclosed contact 3,3 V Current through closed contact 0,1 mA Maximum resistivity of the contact < 5kOhm
GENERAL TECHNICAL DATA	
Operating temperature	-20 to +60 °C

Channels	1x external temperature probe nebo 1x connectable temperature+humidity probe
Output	Ethernet
Measuring interval	2 s
Available temperature units	degrees Celsius, degrees Fahrenheit
Communication protocol	WWW, ModbusTCP, SNMPv1, SOAP, XML
Alarm protocols	E-mail, SNMP Trap, Syslog
Power	Power over Ethernet according to IEEE 802.3af or 5Vdc
Protection class	IP30
Dimensions	88 x 74 x 39,5 mm
Weight	approx. 125 g
Warranty	3 years