

## Web Sensor - two channels with binary inputs

code: P8552



P-line Web Sensor for measuring temperature, relative humidity and three binary inputs for two-states signals. Remote alarm. The devices are equipped with two connectors for connection of the temperature and humidity external probes and three binary inputs for two-states signals. The dry contact or two-state voltage signal can be connect to the binary input.

### Processing and analysis of measured data:

- online in [COMET Cloud](#)
- [COMET Database](#) software
- [integration into 3-party systems](#)

### 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                                                                                                                                                              |
| BINARY INPUT                           |                                                                                                                                                                      |
| Parameters of the voltage contact      | Voltage input level for „L“:< 1,0 V;<br>Voltage input level for „H“:> 2,5 V;<br>Internal resistivity of the voltage source < 2kOhm<br>Input voltage range 0 to +30 V |
| Parameters of the voltage-free contact | Voltage on the unclosed contact 3,3 V<br>Current through closed contact 0,1 mA<br>Maximum resistivity of the contact < 5kOhm                                         |
| GENERAL TECHNICAL DATA                 |                                                                                                                                                                      |
| Operating temperature                  | -30 to +80 °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                                  | 5 Vdc                                                                                                                                                                |
| Protection class                       | IP30                                                                                                                                                                 |
| Dimensions                             | 88 x 74 x 39,5 mm                                                                                                                                                    |

|          |               |
|----------|---------------|
| Weight   | approx. 125 g |
| Warranty | 3 years       |