WEB SENSORS On-line monitoring and alarm indication

Temperature | Humidity | Dewpoint | Bar. pressure | CO₂ | Current | Events



- A solution for every need and every budget – economy and premium web sensors
- High quality, accurate and stable sensors
- Internal or external probes on the cable
- Power over Ethernet (PoE)
- Relay outputs in selected models





Applications

These days there is a high demand for on-line monitoring and uninterruptable records of different type of values. If the ethernet net has direct connection to the internet, then all data could be sent immediately around the world without the need for any additional costs.

Pharmaceuticals and laboratories

Monitoring of areas and places for storage of drugs at temperatures down to -200 $^{\circ}\mathrm{C}.$

Technological processes and production

Server rooms

Monitoring of conditions in the data centers and

in 19" racks, including detection of the state

Monitoring of storage conditions and production processes in the temperature range from -200 °C to + 600 °C.





On-line measurement and monitoring

Temperature * Humidity * Dew point * Atm. Pressure * CO, * Current * Events

Continuous monitoring of critical parameters such as temperature and relative humidity can be very easily done by the help of Web Sensors. This production line consists of sensors for measuring temperature, relative humidity, CO, concentration, atmospheric pressure, events and the 4-20mA signal. The last one allows measuring other physical quantities with third party sensors.

Measured values are accessible via powerful embedded web server which is accessible from personal computer or mobile devices like smartphones and tablets. History values can be exported for further processing by the CSV file. CSV file can be processed inside spreadsheet application like Microsoft Excel or OpenOffice Calc. CSV file can be downloaded from web pages or periodically sent as e-mail attachment.

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Current measured values are available on-line directly on a web browser from anywhere, all you need to do is enter the IP address. Alarms are indicated by a red field.

Graphs of actual values can also be displayed through a web browser. You can display up to one thousand measured values.

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graphs from thousands of devices. It is not a problem to show graphs on tablets or smartphones. All modern web browsers are supported - Firefox, Opera, Chrome or Microsoft Edge

Alarm Indication

Graphically * Remotely via e-mail * Via texts (with CDB software)

Upper and lower limits can be set for each channel. In case the limits are exceeded these critical situation is indicated remotely. It can be indicated by red field, e-mail or texts if data are transmitted to central COMET Database software. E-mails are also sent when values return back into safe range. SMTP authentication is supported, but SSL not. E-mails with CSV file attachment can be sent at selected intervals.



Device settings

Web browser interface for settings * Possibility of integration to third party systems

The device setup can be made by the TSensor software which can be downloaded for free from the manufacturer's website. The advantage of Web Sensors is possibility to providing of settings via web interface.

Sensor settings can also be done directly in a web Configuration of the alarm e-mails. Device can browser in your PC, smartphone or tablet. All you need to send warning e-mail when alarm on measured channel do is enter the IP address of the sensor, open Settings and occurs. E-mail is also sent when alarm condition is cleared. set up everything from communication to alarm e-mails.



Device communication

By connecting directly to a computer network the thermometer or humidity meter can be integrated into the control systems of different manufacturers using SNMP, MODBUS TCP, SOAP, syslog. Of course data in many formats is also available, for example XML and so on.



ModbusTCP protocol

Modbus protocol for communication with SCADA systems or third party software. Devices use Modbus TCP protocol version. Two Modbus clients can be connected to the device at one moment.

Actual values via XML



XML protocol for actual measured values reading. This protocol is suitable for Web Sensors integration into 3rd party SCADA systems.

SNMP protocol



SNMP version 1 protocol for IT infrastructure. Using SNMP protocol you can read actual measured values, alarm statuses and alarm parameters. Via SNMP protocol is also possible to get last 1000 measured values from the history table. MIB tables with OID description are available.



SNMP Trap for IT infrastructure. Web Sensors allow sending Traps to selected Trap receiver server. Traps are sent in case of alarm on channel or at error states like unable to send e-mail, unable to deliver SOAP message, etc.

SOAP protocol



Trap

Web Sensors allow to send currently measured values via SOAP v1.1 protocol. The device sends values in XML format to the web server. The advantage of this protocol is that communication is initialized by the device side. Therefore it is not necessary to use port forwarding.

Syslog protocol



SNTP protocol - time synchronization

Time synchronisation with SNTP server. Actual time is shown at web pages and is necessary for timestamps SNTP inside CSV files. Synchronisation interval can be set to one day or to one hour.

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Syslog protocol for IT infrastructure monitoring systems. Web Sensors allow sending text messages to selec-

Premium Web Sensors

Premium Web Sensors with Ethernet connection are designed for very accurate measurement of temperature, relative humidity, CO, and barometric pressure of air in non-aggressive environments. Measured values are according to device type. Devices with relative humidity measurement can show one of computed values: dew point temperature, absolute humidity, specific humidity, mixing ratio and specific enthalpy. Temperature units are °C or °F. Premium Web Sensor are equipped with LCD display where current values can be displayed.

Devices with **PoE** (page 10) or **relay outputs** (page 14) are also available.



Sensor protection caps

Measured v	alues	Temne	erature	Temnerature, r	elative humidity
SENSOR MO	DEL	T4511	T0510	T3510	T3511 T3511P
temperature	range	-200 to +600 °C	-30 to +80 °C	-30 to +80 °C	-30 to +105 °C
	accuracy	±0.2 °C without temp. probe	±0.6 °C	±0.6 °C	±0.4 °C
relative humidity	range	-	-	0 to 100 % RH	0 to 100 % RH
*	accuracy	-	-	±2.5 % RH	±2.5 % RH
computed humidity	values	NO	NO	YES	YES
supply voltage		9-30 V	9-30 V	9-30 V	9-30 V
recommended calib interval	oration	two years	two years	one year	one year
protection class of with electronics	the case	IP30	IP30	IP30	IP30
protection class of cover	the sensor	-	-	IP40	IP40
temperature operation of the case with ele	ting range ectronics	-30 to +80 °C	-30 to +80 °C	-30 to +80 °C	-30 to +80 °C
temperature operat of the measuring e	ting range lement	-	-	-30 to +80 °C	-30 to +105 °C
humidity operating without condensation	range on	0 to 100 % RH	0 to 100 % RH	0 to 100 % RH	0 to 100 % RH
barometric pressur range	e operating	-	-	-	- to 2,5 MPa
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* accuracy of relative humidity in range 5 % to 95 % and of atmospheric pressure at 23 °C

Solution for compressed air measurements

SH-PP - Flow chamber (see number 4 at picture) for compressed air measurement up to 25 bars - stainless steel DIN 1.4301 inlet and outlet connection - G1/8 thread humidity probe connection - G1/2 thread screw-coupling not included.

9-30 Vdc

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The probe for measuring the moisture of compressed air should be placed directly on the pressure pipelines to achieve higher measurement accuracy and faster response times. But there are cases where such placement is not possible. The reason is the high air speed, high temperature, high pollution, small diameter pipes, etc. Such situation can be solved by placing the probe into the flow measuring chamber. The picture shows the basic layout of the sampling system with chamber SH- PP.











Probe for compressed air

Measured v	alues	Temperature, re pr	lative humidity, atm. essure	Atm. pressure	Temperature, relative humidity, CO ₂		02	
SENSOR MI	DDEL	T7510	T7511	T2514	T6540	T5540	T5541	T5545
temperature	range	-30 to +80 °C	-30 to +105 °C	-	-30 to +80 °C	-	-	-
	accuracy	±0.6 °C	±0.4 °C	-	±0.6 °C	-	-	-
relative humidity	range	0 to 100 % RH	0 to 100 % RH	-	0 to 100 % RH	-	-	-
**	accuracy	±2.5 % RH	±2.5 % RH	-	±2.5 % RH	-	-	-
atm. pressure	range	600 to 1100 hPa	600 to 1100 hPa	600 to 1100 hPa	-	-	-	-
**	accuracy	±1.3 hPa	±1.3 hPa	±1.3 hPa	-	-	-	-
CO ₂	range	-	-	-	0 to 2000 ppm*	0 to 2000 ppm*	0 to 10000 ppm	0 to 2000 ppm*
* * * 	accuracy	-	-	-	± (50 ppm+2 % of measured value)	± (50 ppm+2 % of measured value)	\pm (110 ppm+5 % of measured value)	± (50 ppm+2 % of measured value)
computed humidity	values	YES	YES	NO	YES	NO	NO	NO
supply voltage		9-30 V	9-30 V	9-30 V	9-30 V	9-30 V	9-30 V	9-30 V
recommended calil interval	oration	one year	one year	one year	one year	five years	five years	five years
protection class of with electronics	the case	IP30	IP30	IP30	IP30	IP30	IP30	IP30
protection class of cover	the sensor	IP40	IP40	-	IP40	-	IP 65	IP20
temperature opera of the case with ele	ting range ectronics	-30 to +80 °C	-30 to +80 °C	-30 to +80 °C	-30 to +60 °C	-30 to +60 °C	-30 to +80 °C	-30 to +60 °C
temperature opera of the measuring e	ting range lement	-30 to +80 °C	-30 to +105 °C	-	-30 to +80 °C	-	-40 to +60 °C	-
humidity operating without condensati	range on	0 to 100 % RH	0 to 100 % RH	0 to 100 %RH	5 to 95 % RH	5 to 95 % RH	0 to 100 % RH	5 to 95 % RH
barometric pressur	e operating	-	-	-	850 to 1100 hPa	850 to 1100 hPa	850 to 1100 hPa	850 to 1100 hPa





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- custom range 10000 ppm for an extra fee
 accuracy of relative humidity in range 5 % to 95 % and of atmospheric pressure at 23 °C
 accuracy of CO₂ concetration of measurement at 25 °C and 1013 hPa

Computed values

Specific humidity Accuracy: ±2.1 g/kg at ambient temperature T < 35 °C Range: 0 to 550 g/kg

Dew point temperature Accuracy: ±1.5 °C at ambient temperature T<25 °C and relative humidity RH >30 %, for more details see manual Range: -60 to +80 °C (-76 to 176 °F)

Mixing ratio

Accuracy: ± 2.2 g/kg at ambient temperature T < 35 °C Range: 0 to 995 g/kg

Absolute humidity

Accuracy: $\pm 3 \text{ g/m3}$ at ambient temperature T < 25 °C for more details see manual Range: 0 to 400 g/m3

Specific enthalpy Accuracy: ± 4 kJ/kg at ambient temperature T < 25 °C Range: 0 to 995 kJ/kg

Device without PoE connection procedure





A1515 Switching power supply unit for Ethernet transmitters Tx5xx, Hx5xx.

Premium Web Sensors





to +125°C

Measured va	lues	Tempe	rature	Temperature, re	elative humidity
SENSOR MO	DEL	T4611	T0610	T3610	T3611
	range	-200 to +600 °C	-20 to +60 °C	-20 to +60 °C	-30 to +105 °C
temperature	accuracy	±0.2 °C without temperature probe	±0.6 °C	±0.6 °C	±0.4 °C
relative	range	-	-	0 to 100 % RH	0 to 100 % RH
humidity*	accuracy	-	-	±2.5 %RH	±2.5 % RH
atm_nressure*	range	-	-	-	-
atm. pressure	accuracy	-	-	-	-
computed humidity	y values	NO	NO	YES	YES
supply voltage		4.9 - 6.1 V	4.9 - 6.1 V	4.9 - 6.1 V	4.9 - 6.1 V
Power over Ethern according to IEEE	et (PoE) 802.3af	YES	YES	YES	YES
recommended calil interval	bration	two years	two years	one year	one year
protection class of with electronics	the case	IP30	IP30	IP30	IP30
protection class of sensor cover	the	-	-	IP40	IP40
temperature opera of the case with ele	ting range ectronics	-20 to +60 °C	-20 to +60 °C	-20 to +60 °C	-20 to +60 °C
temperature opera of the measuring e	ting range element	-	-	-20 to +60 °C	-30 to +105 °C
humidity operating without condensat	range ion	0 to 100 % RH	0 to 100 % RH	0 to 100 % RH	0 to 100 % RH
136	45 (87) 4 $\phi 9$ $\phi 4.2$	* accuracy of r 5 % to 95 % pressure at 2	relative humidity in 0 and of atmospheric 23 °C	€	e e u (trz)1 (88)

Mounting accessories for sensors with stem or external probe





PP90 – Right-angled stainless steel flange.

PP4 – plastic flat circular flange



SP004 - Plastic gland for direct mounting of the humidity probe to a 29 mm diameter hole.

Measu	ured values Temperatu		e, relative humidity, a	itm. pressure	CO ₂		Temp relative h	erature umidity, CO,
SENS	OR MODEL	T7610	T7611	T7613D	T5640	T5641	T6640	T6641
empera-	range	-20 to +60 °C	-30 to +105 °C	-30 to +105 °C			-20 to +60 °C	-30 to +105 °C
ure	accuracy	±0.6 °C	±0.4 °C	±0.6 °C			±0.6 °C	±0.4 °C
elative	range	0 to 100 % RH	0 to 100 % RH	0 to 100 % RH			0 to 100 % RH	0 to 100 % RH
numidity*	accuracy	±2.5 % RH	±2.5 % RH	±2.5 % RH			±2.5 % RH	±2.5 % RH
tm. pres-	range	600 to 1100 hPa	600 to 1100 hPa	600 to 1100 hPa			850 to 1100 hPa	850 to 1100 hPa
sure*	accuracy	±1.3 hPa	±1.3 hPa	±1.3 hPa			±1.3 hPa	±1.3 hPa
CO ₂	range				± (50 ppm+2 % of measured value)	± (100 ppm+5 % of measured value)	± (50 ppm+2 % of measured value)	± (100 ppm+5 % of measured value)
	accuracy				2000 ppm	10000 ppm	2000 ppm	10000 ppm
computed h	umidity values	YES	YES	YES			YES	YES
supply volta	ige	4.9 - 6.1 V	4.9 - 6.1 V	4.9 - 6.1 V	5.0 - 6.1 V	5.0 - 6.1 V	5.0 - 6.1 V	5.0 - 6.1 V
Power over according to	Ethernet (PoE) IEEE 802.3af	YES	YES	YES	YES	YES	YES	YES
ecommend nterval	ed calibration	one year	one year	one year	five years	five years	one year	one year
protection c with electro	lass of the case nics	IP30	IP30	IP30	IP30	IP30	IP30	IP30
protection c sensor cove	lass of the r	IP40	IP40	IP40		IP65	IP40	IP40
emperature of the case	e operating range with electronics	-20 to +60 °C	-20 to +60 °C	-20 to +60 °C	-20 to +60 °C	-30 to +80 °C	-20 to +60 °C	-30 to +80 °C
emperature of the RH se	e operating range ensor	-20 to +60 °C	-30 to +105 °C	-30 to +105 °C			-20 to +60 °C	-30 to +105 °C
numidity op without con	erating range densation	0 to 100 % RH	0 to 100 % RH	0 to 100 % RH	0 to 95 % RH	0 to 100 % RH	0 to 95 % RH	0 to100 % RH
F	104 mounting holes $\phi 99$ $\phi 44.2$		¢18			150		
l						<u>φ 18,5</u>		φ 18,5

 \ast accuracy of relative humidity in range 5 % to 95 % and of atmospheric pressure at 23 °C



puted values

fic humidity acy: ±2.1 g/kg at ambient rature T < 35 °C : 0 to 550 g/kg

oint temperature cy: ±1.5 °C at ambient ature T<25 °C and humidity RH >30 %, re details see manual : -60 to +80 °C o 176 °F)

ute humidity acy: $\pm 3 \text{ g/m}^3$ at ambient rature T < 25 °C ore details see manual 0 to 400 g/m3

g ratio acy: ±2.2 g/kg at ambient rature T < 35 °C : 0 to 995 g/kg

fic enthalpy acy: ± 4kJ/kg at ambient rature T < 25 °C : 0 to 995 kJ/kg

ce with PoE - connection procedure

t interface with PoE



versal holder for probes

Premium Web Sensors

With relays & three two-states inputs

designed for 19" rack mounting



Visualization of two - state inputs is done by three LED diodes. Each relay status is indicated with other two LED diodes described as ALARM1 and ALARM2 shown also on







Measured values		Tempe	erature	Tem	perature, relative hu	midity	Temperature, ro atm. p	elative humidity, ressure	Temperature, relative humidity, CO ₂	C	0 ₂	Temperature	Temperature, relative humidity
SENSOR MODEL		H4531	H0530	H3530	H3531	H3531P	H7530	H7531	H6520	H5524	H5521	H4531R	H3531R
	range	-200 to +600 °C	-30 to +80 °C	-30 to +80 °C	-30 to +105 °C		-30 to +80 °C	-30 to +105 °C	-30 to +80 °C	-	-	-200 to +600 °C	-30 to +105 °C
temperature	accuracy	±0.2 °C without temp. probe	±0.4 °C	±0.4 °C	±0.4 °C		±0.4 °C	±0.4 °C	±0.4 °C	-	-	±0,2 °C without tempera- ture probe	±0.4 °C
rolativo humiditu**	range	-	-	0 to 100 % RH	0 to 100 % RH		0 to 100 % RH	0 to 100 % RH	0 to 100 % RH	-	-	-	0 to 100 % RH
	accuracy	-	-	±2.5 % RH	±2.5 % RH		±2.5 % RH	±2.5 % RH	±2.5 % RH	-	-	-	±2.5 % RH
atmospheric pressure**	range	-	-	-	-	-	600 to 1100 hPa	600 to 1100 hPa	-	-	-	-	-
	accuracy	-	-	-	-	-	±1.3 hPa	±1.3 hPa	-	-	-	-	-
	range	-	-	-		-	-	-	0 to 2000 ppm	0 to 2000 ppm	0 to 10 000 ppm	-	-
C0 ₂ ***	accuracy	-	-	-		-	-	-	± (50 ppm+2 % value)	o of measured	± (110 ppm +5 % of mea- sured value)	-	-
relay output max. switchin current, power	g voltage,	50 V, 2 A, 60 VA	50 V, 2 A, 60 VA	50 V, 2 A, 60 VA	50 V, 2 A, 60 VA		50 V, 2 A, 60 VA	50 V, 2 A, 60 VA	50 V, 2 A, 60 VA	50 V, 2 A, 60 VA	50 V, 2 A, 60 VA	50 V, 2 A, 60 VA	50 V, 2 A, 60 VA
computed humidity values		NO	NO	YES	YES		YES	YES	YES	NO	NO	NO	YES
supply voltage		9-30 V	9-30 V	9-30 V	9-30 V		9-30 V	9-30 V	9-30 V	9-30 V	9-30 V	9-30 V	9-30 V
recommended calibration in	nterval	two years	two years	one year	one year		one year	one year	one year	five years	five years	two years	one year
protection class of the case electronics	e with	IP40	IP40	IP40	IP40		IP40	IP40	IP30	IP30	IP30	IP30	IP30
protection class of the sense cover	sor	-	-	IP40	IP40		IP40	IP40	IP40	-	IP65	-	IP40
temperature operating range of the case with electronics	ge s	-30 to +80 °C	-30 to +80 °C	-30 to +80 °C	-30 to +80 °C		-30 to +80 °C	-30 to +80 °C	-30 to +60 °C	-30 to +60 °C	-30 to +80 °C	-30 to +80 °C	-30 to +80 °C
temperature operating rang of the measuring element	ge	-	-	-30 to +80°C	-30 to +105°C		-30 to +80 °C	-30 to +105 °C	-30 to +80 °C	-	-40 to +60 °C	-	-30 to +10 5°C
humidity operating range v condensation	vithout	0 to 100 % RH	0 to 100 % RH	0 to 100 % RH	0 až 100 % RH		0 to 100 % RH	0 to 100 % RH	0 to 95 % RH	5 to 95 % RH	0 to 100 % RH	0 to 100 % RH	0 to 100 % RH
barometric pressure operation	ting	-	-	-	-	up to 2.5 MPa	-	-	850 to 1100 hPa	850 to 1100 hPa	850 to 1100 hPa	-	-

* Custom range 10000 ppm for an extra fee



Electrical wiring

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For more information visit www.cometsystem.com

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Connection via PoE adapter TL - PoE 10R



Specific humidity Accuracy: ±2.1 g/kg at ambient temperature T < 35 °C Range: 0 to 550 g/kg

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for more details see manual Range: -60 to +80 °C (-76 to 176 °F)

Absolute humidity Accuracy: $\pm 1.5 \text{ g/m}^3$ at ambient temperature T < 25 °C for more details see manual Range: 0 to 400 g/m³

0-ring G1/2

** accuracy of relative humidity in range 5 % to 95 % $\,$ and of atmospheric pressure at 23 °C $\,$





*** accuracy of CO₂ concetration of measurement at 25 °C and 1013 hPa



Mixing ratio Accuracy: ±2 g/kg at ambient temperature T < 35 °C Range: 0 to 995 g/kg

Specific enthalpy Accuracy: ± 3 kJ/kg at ambient temperature T < 25 °C Range: 0 to 995 kJ/kg

Economy Web Sensors



Sensor models:

MEASURED VALUES	without PoE**	with PoE**
temperature	P8510	P8610
temperature + relative humidity*	P8511, P8541	P8641, P8611
temperature + relative humidity* + two - state inputs	P8552	P8652
0-20mA (4-20 mA)	P2520	

* With the attached temperature and humidity probe - type DSRH (max. length 10 metres)

** Please see page 20 - 21 for sensor specification

External digital temperature probes

Temperature probes on the cable are designed to measure the temperature in specific applications. Probes are supplied in lengths of 1, 2, 5 and 10 meters (15 and 20 meters for DSTR162/C). The maximum sum of the lengths of all probes is 40m which can be connected to one device.



External temperature/humidity probes

Fast response probe without protection against moisture.

DSRH/C



temperature range (0°C to +50°C) accuracy ±0.5°C humidity range (0 to 100 % RH) accuracy ±3.5 % RH

The external probe with cable lenght 1,2,5 and 10 meters. The probe with interchangeable sensor covers.



temperature range (0°C to +50°C) accuracy ±2°C humidity range (0 to 100 % RH) accuracy ±3.5 % RH

Inexpensive probe with plastic housing, slow response and with IP67.





range (-30°C to +80°C accuracy $\pm 0.5^{\circ}$ C from -10°C to +80°C; otherwise ±2°C



F5300 - Teflon (PTFE) sensor cover (white colour), with increased resistance against splashing water, non-absorbent surface, does not rust. Porous size 25µm.



F0000 - sintered bronze sensor cover for moderate aggressive environments. Filtering ability 25µm.



F5200 - sensor cover with filter from stainless steel mesh, suitable for moderately dusty environment.

Measured values		Temperature	Ter	mperature, relative humi	dity	Current - mA	
SENSO	R MODEL	P8510/ P8610	P8511/P8611	P8541/P8641	P8552/P8652	P2520	
range		-30 to +80 °C/ -20 to +60 °C	according to the used probe*	according to the used probe*	according to the used probe*	-	
temperature accuracy		±0.8 °C (> -10 °C) ±2 °C (< -10 °C)	according to the used probe*	according to the used probe*	according to the used probe*	-	
relative	range	-	according to the used probe*	according to the used probe*	according to the used probe*	-	
humidity	accuracy	-	according to the used probe*	according to the used probe*	according to the used probe*	-	
two - state inp isolation	ut, no galvanic	-	-	-	3	-	
configuration D Voltage input	Dry contact/	-	-	-	YES	-	
current measu	ring range	-	-	-	-	0-25mA(max.30mA)	
accuracy of cur measurement	rrent	-	-	-	-	±0.1 % FS from (0 °C do +50 °C) ±0.3 % FS from (-30 °C do+80 °C)	
resolution		-	-	-	-	1uA	
input impedance		-	-	-	-	20Ω	
supply voltage		9-30 V / 4,9 - 6,1V	9-30 V / 4,9 - 6,1V	9-30 V / 4,9 - 6,1V	4,9 - 6,1V	9-30 V	
power over Eth according to IE	nernet (PoE) EEE 802.3af	- / YES	-	- / YES	- / YES	-	
recommended interval	calibration	two years	according to the used probe*	according to the used probe*	according to the used probe*	two years	
protection clas with electronic	s of the case s	IP30	IP30	IP30	IP30	IP30	
temperature operating rangeof the case with electronics		-30 to +80 °C / -20 to +60 °C	-30 to +80 °C / -20 to +60 °C	-30 to +80 °C / -20 to +60 °C	-20 to +60 °C	-30 to +80 °C	
humidity operating range without condensation		0 do 100 % RV	0 do 100 % RV	0 do 100 % RV	0 do 100 % RV	0 do 100 % RY	
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Solution for third party sensors

P2520 two channel current loop converter is designed to connect sensors with output 4-20mA / 0-20 mA into Ethernet network. The current signal can be recalculated to physical values measured by the connected sensors. Sensors can be powered directly from the P2520 converter.

- >> Measured values can be read by means of Ethernet connection.
- » The instrument may also send a warning message if the measured value exceeds adjusted limit.
- » The device setup can be made by the www interface.

P2520















Universal holder for P8xxx and Tx5xx Web Sensors for easy mounting to rack 19".





A1825 Switching power supply unit for Web Sensors P8xxx and Tx6xx.

COMET Cloud and Database software

Data storage place for COMET sensors

For users of Web Sensors a solution for data collection to one central place is available. It can be software solution based on MS SQL and installed on customer's server or personal computer. The second obtion how to collect measured data is COMET Cloud whitch accessiable from any device with web browser.



- 24 hour supervision
- unlimited data storage
 simple and clear access to your measured values
 single repository for all devices COMET
 alarm SMS texts and e-mails

- acoustic and visual signalization of alarms

Each purchased COMET Database already contains one licence of Database Viewer This low cost browser enables several clients to view database from different places on internal network or internet. Other viewer licences can be purchased separately for other users of COMET Database.



COMET Database also exists in 30 days trial version. So you can test it without any worries.



- E-mail alarming

• COMET Cloud is the internet storage of data mea sured by COMET sensors. Data are accessible in the internet and displayed in an internet browser.

• Every user has the access to his account COMET Cloud, protected by password.

• COMET Cloud enables to add sensors, creates or ganisational structures such sensor groups and user groups. The different rights can be set up for displaying and administration for each user.

• Easy report creating

• Unlimited space for data



WEB SENSORS On-line monitoring and alarm indication

Temperature | Humidity | Dewpoint | Bar. pressure | CO₂ | Current | Events



The COMET System, s.r.o. company is continuously developing and improving its product. COMET System, s.r.o. reserves the right to carry out technical changes in equipment or product without any previous notice.

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