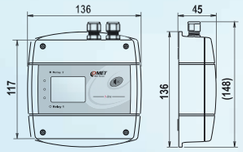
Premium Web Sensor

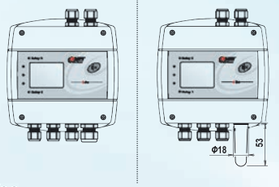
With relays and three two-state inputs

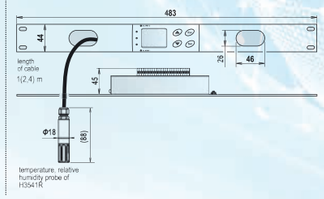
- Accurate measurement of
  - Temperature from – 200°C to +600 °C
  - Humidity
  - Dew point
  - Atmospheric pressure
  - CO_2
- Communication protocols
  - SNMP
  - Modbus TCP
  - SOAP
  - XML
- Webserver to display current and the recorded values
- Alarm indication via e-mail
- Relays for control
- Two-states inputs

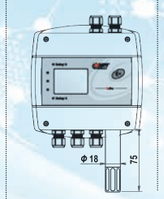
product catalog
for web sensors
with relay

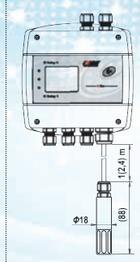
Measured values		Temperature			Temperature, relative humidity				Temperature, relative humidity, atm. pressure		Temperature, relative humidity, CO_2	CO_2	
SENSOR MODEL		**H4531**	**H0530**	**H4531R**	**H3531R**	**H3530**	**H3531**	**H3531P**	**H7530**	**H7531**	**H6520**	**H5524**	**H5521**
temperature	range	-200 to +600 °C	-30 to +80 °C	-200 to +600 °C	-30 to +105 °C	-30 to +80 °C	-30 to +105 °C		-30 to +80 °C	-30 to +105 °C	-30 to +80 °C	-	-
	accuracy	±0.2 °C without temp. probe	±0.4 °C	±0,2 °C without temp. probe	±0.4 °C	±0.4 °C	±0.4 °C		±0.4 °C	±0.4 °C	±0.4 °C	-	-
relative humidity**	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	-	-	-
CO_2 ***	range	-	-	-	-	-	-		-	-	0 to 2000* ppm	0 to 2000* ppm	0 to 10 000 ppm
	accuracy	-	-	-	-	-	-		-	-	± (50 ppm+2 % of measured value)		± (110 ppm +5 % of measured value)
protection class of the case with electronics / sensor		IP30 / IP40											

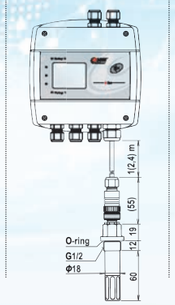


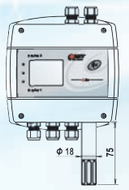


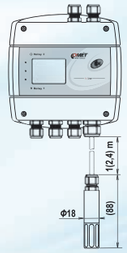


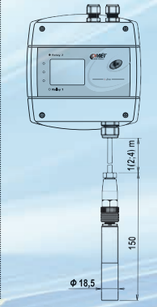












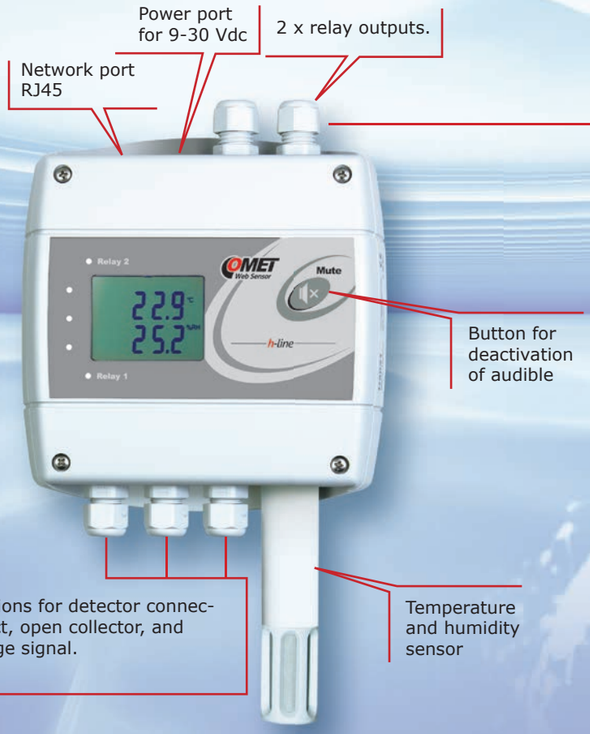
* Custom range 10000 ppm for an extra fee
** accuracy of relative humidity in range 5 % to 95 % and of atmospheric pressure at 23 °C
*** accuracy of CO_2 concetration of measurement at 25 °C and 1013 hPa


smoke detector

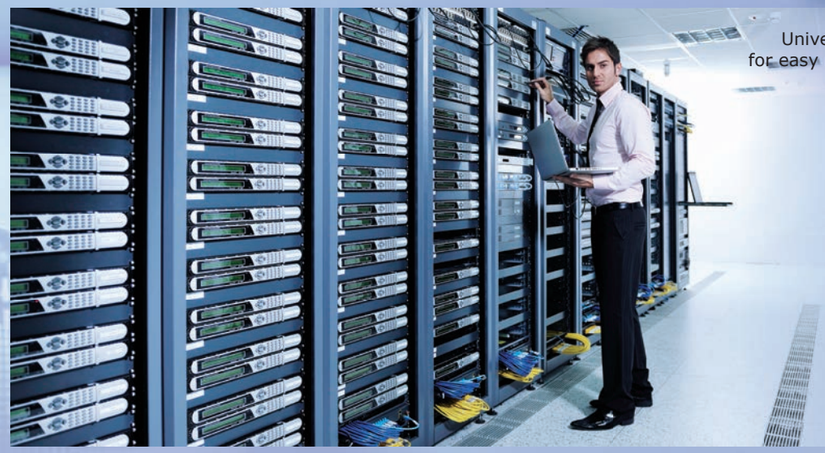

flood detector


door contact


motion detector

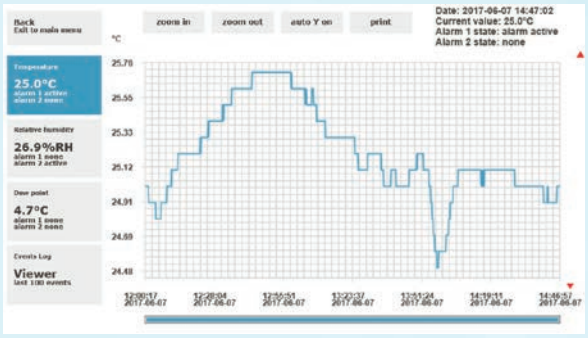


Monitor
Alert
Record and Analyzation



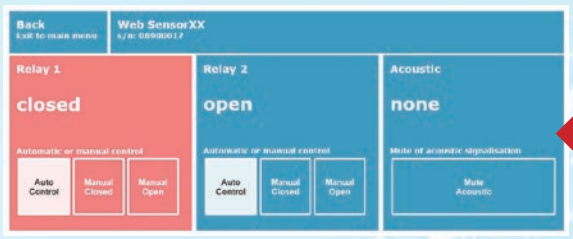
MP047
Universal holder for probes for easy mounting to rack 19”.

Chart displaying historical



Graphs of current values can be accessed via a web browser, offering the capability to display up to one thousand measured values per channel.

Remote control of relay via

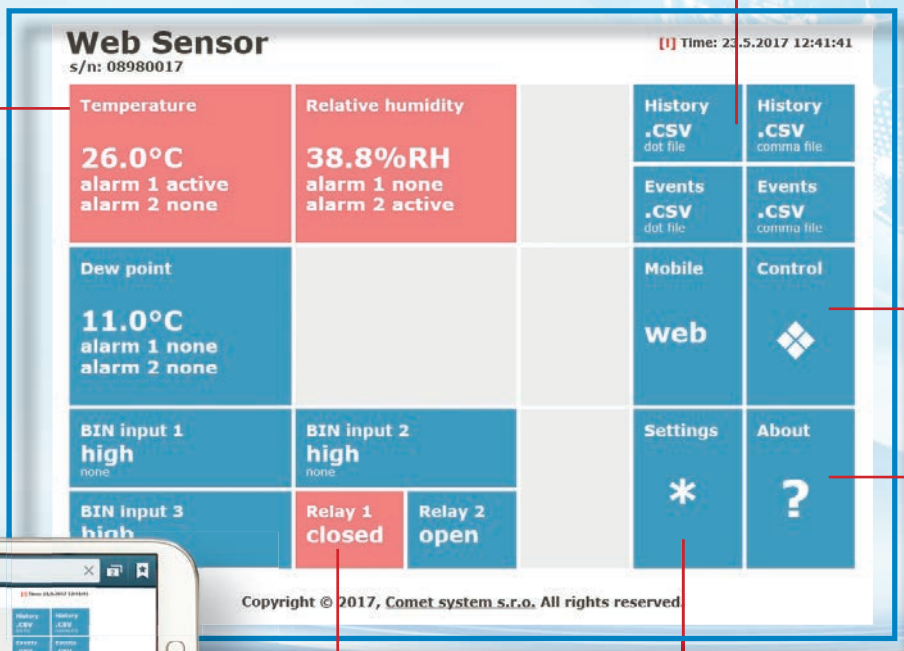


Current measured values and sensor settings are directly accessible through the web interface via your web browser.

Export measured value to file

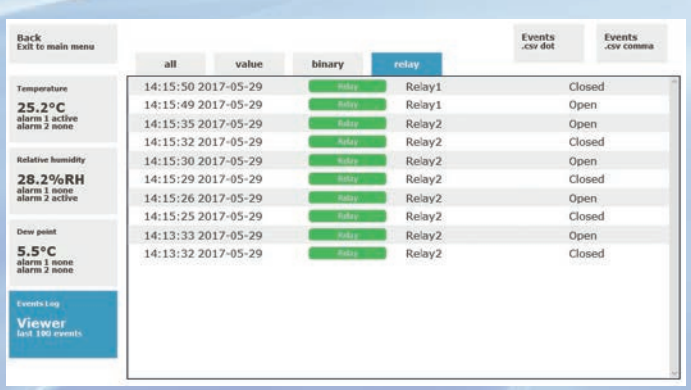
Web browser interface

Current measured values are accessible online via any web browser; simply enter the IP address. Alarms are highlighted with a red field.



Sensor settings can be adjusted directly through a web browser on your PC, smartphone, or tablet. Simply enter the sensor's IP address, navigate to Settings, and configure everything from communication preferences to alarm

Recorded events



Software development kit available for

- SNMPv1 protocol
- ModbusTCP protocol
- XML file values.xml
- SOAP protocol
- Syslog list