



1971-2011 40 years  
the power to control

## LON Weather station incl. prices

<p>LM8 ANA GT 24VDC or <b>C3 ana GT</b> FTT or PLT</p>	<p><b>Clima Sensor NH (*)</b> 4.9001.00.061</p>	<p><b>Clima Sensor NHTF (*)</b> 4.9011.00.061</p>	<p><b>Clima Sensor WNH (*)</b> 4.9000.00.061</p>	<p><b>Clima Sensor WNHTF (*)</b> 4.9010.00.061</p>
<p><b>Rainfall</b> measurment: ves / no</p>	X	X	X	X
<p>SNVT_switch</p> <p><b>Brightness</b> range: 1 – 65535 Lux measuring direction: south more brightness values: east / west</p>	X	X	X	X
<p>SNVT_lux</p> <p><b>Temperature</b> range: -20 - + 60 °C</p>		X		X
<p>SNVT_temp_p</p> <p><b>Humidity</b> range: 0-100 % rel. humidity</p>		X		X
<p>SNVT_lev_percent</p> <p><b>Wind speed</b> range: 0,5 – 40 m/s</p>			X	X
<p>SNVT_speed</p> <p><b>Prices EU 2011/12 in € plus VAT</b> (non-EU countries on request)</p>	on request	on request	on request	on request

**LON-bus weather station for recording of meteorological data such as:  
Temperature, brightness, twilight, wind speed, wind direction, radiation, pressure,  
humidity and rainfall, etc.**

**Technical data:**

Type of construction: snap-on housing 145 x 111 x 50mm high  
degree of protection IP20  
weight approx. 300g  
connection: screw-type terminals/ plug connection 1,5mm<sup>2</sup>

Climatic conditions: in accordance with Unitro-Standard

Supply voltage: 24V DC, 150mA ± 10%

LED-display: operating LED green  
service LED yellow flashing = device not initialized  
continuous light = error

Function buttons: reset button and service button

Neuron chip: 3150, 10MHz and 64kB Flash

Transmission: LON FTT10A two wire (twisted-pair), 78kbps, max. 2,7km

max. 8 Inputs e.g.: **with galvanic isolation (500V U<sub>ss</sub>),**  
**temperature sensor: e.g.: -30°C to +70°C**  
**brightness sensor: e.g.: 0 to 100.000 Lux**  
**twilight sensor: e.g.: 0 to 2.000 Lux**  
**wind speed sensor: e.g.: 0,7 to 40m/s**  
**rainfall sensor: dry, rainfall**  
**wind direction sensor: 0° to 360°**  
**etc..**

EMC,  
immunity of interference: Unitro-Standard, in accordance with EN 61000

**Detailed documentation: operating instructions, wiring diagrams, software  
with documentation, tender specifications,  
on the Internet at [www.unitro.de](http://www.unitro.de)**