

Аксессуары

Технические характеристики

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Россия +7(495)268-04-70

Казахстан +(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: ahm@nt-rt.ru || сайт: <https://lambrecht.nt-rt.ru/>



Sensor Shelter with natural ventilation

APPLICATIONS

- Agricultural meteorology
- Industrial applications
- Hydrology
- Artificial snowmaking
- Traffic meteorology
- Building services

FOR UNIVERSAL USE

For all weathers and for protection against radiation the sensor shelter with natural ventilation is designed for universal use with relative humidity and air temperature measuring instruments.

- Natural ventilation of the sensors
- No recirculation of the heated air into the ventilation circuit
- Light and radiation transmittance almost eliminated
- UV and weather resistant material
- Extremely robust with improved lamella system
- Universally applicable for different sensors
- Easy installation including mounting material for different masts

Data sheet

Professional Line		Sensor Shelter
Id-No.:		00.08141.600000
Design:		Mast mounting: Ø 25...50 mm
Dimensions:		Ø 120 mm, Height: 300 mm (incl. mounting)
Amount of lamellas:		11
Weight:		0.95 kg
Included in delivery:		Screwing for sensor diameter 14...21 mm
Options (order separately):		32.08141.001010: Adapter for sensor diameter 5 mm 67.26010.540100: Screwing for sensor diameter 18...25 mm



Sensor Shelter with artificial ventilation

APPLICATIONS

- Agricultural meteorology
- Industry and hydrology
- Artificial snow
- Traffic meteorology
- Building services

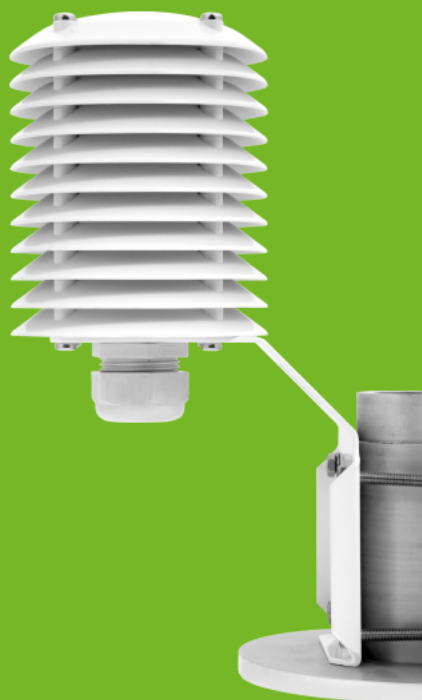
WITH VENTILATION SYSTEM

This artificially ventilated sensor shelter is designed for universal use with relative humidity and air temperature measuring instruments. The ventilation system draws ambient air and conveys it through the sensor. Possible measuring errors caused by direct or reflected radiation, especially during calm, will be avoided.

- Artificial ventilation of the sensors
- No recirculation of the heated air into the ventilation circuit
- Light and radiation transmittance almost eliminated
- UV and weather resistant material
- Extremely robust with improved lamella system
- Universally applicable for different sensors
- Easy installation including mounting material for different masts

Data sheet

Professional Line	Sensor Shelter
Id-No.:	00.08141.600004
Range of application:	-40...+70 °C
Supply voltage:	9.5...13.2 VDC
Power consumption:	1.4 W (max. 1.8 W)
Dimensions:	Ø 150 mm, Height: 395 mm (incl. mounting)
Amount of lamellas:	15
Protection class:	IP 68
Weight:	1.4 kg
Included in delivery:	Screwing for sensor diameter 14...21 mm
Options (order separately):	32.08141.001010: Adapter for sensor diameter 5 mm 67.26010.540100: Screwing for sensor diameter 18...25 mm



Sensor Shelter - NAV with natural ventilation

APPLICATIONS

- Meteorology
- Maritime

FOR MARITIME USE

For all weathers and for protection against radiation the sensor shelter with natural ventilation is designed for universal use with relative humidity and air temperature measuring instruments for maritime use.

- Natural ventilation of the sensors
- No recirculation of the heated air into the ventilation circuit
- Light and radiation transmittance almost eliminated
- UV and weather resistant material
- Extremely robust with improved lamella system
- Universally applicable for different sensors
- Easy installation including mounting material for different masts

Data sheet

Professional Line	Sensor Shelter - NAV
Id-No.:	00.08141.620000
Range of application:	-50...+80 °C
Design:	Mast mounting: Ø 40...60 mm
Dimensions:	Ø 120 mm, Height: approx. 297 mm (incl. mounting)
Amount of lamellas:	11 (3 lamellas closed, 7 lamellas normal, 1 lamella with Ø 73 mm opening)
Weight:	535 g without bracket; (Weight of bracket: < 545 g)
Included in delivery:	Screwing for sensor diameter 14...21 mm
Options (order separately):	32.08141.001010: Adapter for sensor diameter 5 mm 67.26010.540100: Screwing for sensor diameter 18...25 mm



Sensor Shelter - Yacht with natural ventilation

APPLICATIONS

- Meteorology
- Specially designed for yachts

SPECIALLY DESIGNED FOR YACHTS

For all weathers and for protection against radiation the sensor shelter with natural ventilation is designed for universal use with relative humidity and air temperature. Specially designed for yachts.

- Natural ventilation of the sensors
- No recirculation of the heated air into the ventilation circuit
- Light and radiation transmittance almost eliminated
- Protection against weather influences
- UV and weather resistant material
- Extremely robust with improved lamella system
- Mounting material for different poles included
- Easy installation on G1"-11 thread

Data sheet

Professional Line	Sensor Shelter - Yacht
Id-No.:	00.08141.630000
Range of application:	-50...+80 °C
Design:	Mounting on G1
Dimensions:	Ø 120 mm, Height: approx. 195 mm
Amount of lamellas:	11 (2 lamellas closed, 8 lamellas normal, 1 lamella with Ø 73 mm opening)
Weight:	Approx. 581 g
Included in delivery:	Screwing for sensor diameter 20 mm



power[cube] Power Supply Unit

APPLICATIONS

- Building services
- Agricultural meteorology
- Industry and hydrology
- Artificial snowmaking
- Traffic meteorology

POWER PACK FOR ALL WEATHERS

The compact cube is an all-weather-resistant power pack and rounds off for example the rain[e] station regarding power supply and communication. Beside the data logger met[LOG] it protects the net adapter (24 V/ 150 W) and the WiFi router against all weather influences.

- Low space requirement
- Easy installation
- Very robust
- Universal use for various sensors
- Housing made from UV and weather-proof material

Professional Line	power[cube]
Id-No.:	00.14966.715000: power[cube] Power supply 24 V/ 150 W incl. terminal block 00.14966.724000: power[cube] Power supply 24 V/ 240 W incl. terminal block 00.14966.748000: power[cube] Power supply 24 V/ 480 W incl. terminal block 30.95800.015000: power[cube] 24 V/ 150 W incl. data logger met[LOG] 30.95800.048000: power[cube] 24 V/ 480 W incl. data logger met[LOG] 30.95800.115000: power[cube] 24 V/ 150 W incl. data logger met[LOG] and WiFi router
Output:	24 VDC; 24...28 V
Output current:	Max. 6.5 A
Input voltage:	90...264 VAC
Input frequency range:	47...63 Hz
Rated power:	156 W
Operating conditions:	-20...+60 °C; storage temperature: -40...+85 °C
Dimensions:	Approx. 190 x 190 x 190 mm
Housing:	UV and weather resistant
Options (order separately):	32.14966.030000 Mast attachment for power[cube]



VERSATILE



ECONOMICAL



BASIC



Measuring Transducer and Signal Releaser

APPLICATIONS

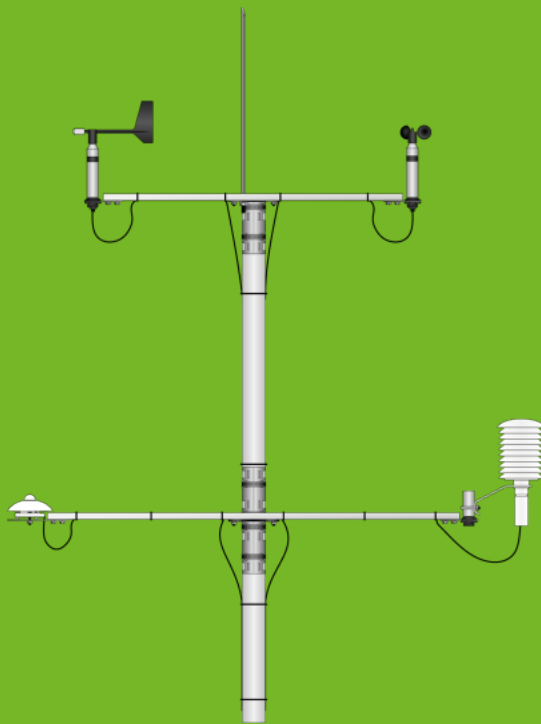
- Meteorological measurements
- Industrial automation

INTUITIVE CONVERTER WITH VERSATILE CONNECTION OPTIONS

Our Digital-Analog Converter converts periodic signals such as frequencies or rotational speeds into precise voltage and current values. The period duration of input pulses from various meteorological sensors is efficiently converted into a frequency. The results of the A/D conversion are reliable and proportional to the input frequency, ensuring accurate measurements. The device's simple parameterization is intuitively done using just four buttons, guaranteeing user-friendly operation.

- User-friendly operation
- Versatile connection options
- High accuracy and stability of measurements
- Cost-effective acquisition

Professional Line	Measuring Transducer and Signal Releaser
Id-No.:	00.14953.100000
Measuring range:	< 10.000 Hz input frequency; < 40 µs pulse duration/ period
Output:	Voltage: 0...10 V or 2...10 V; 10 mV resolution Current: 0(4)...20 mA; 20 mA resolution
Range of application:	Temperature: -25...+60 °C; storing -40...+85 °C
Supply voltage:	196...264 V; 47...63 Hz; < 5 VA (Class 16, 18) 98...132 V; 47...63 Hz; < 5 VA (Class 17, 18) 20.4...27.6 V; < 5 W (Class 11, 12/ Power-Line)
Dimensions:	40 x 107 x 115 mm
Housing:	Modular macrolon housing; system KF
Protection class:	IP 20
Weight:	0.4 kg
Standards:	EMC according EN 50081-2 · EN 50082-2



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Traverse System

APPLICATIONS

- Renewable energies
- Agricultural meteorology
- Traffic meteorology
- Industry
- Sports airports

THE INTELLIGENT AND FLEXIBLE SOLUTION FOR MOUNTING YOUR LAMBRECHT SENSORS

The traverse system consists of anodized aluminum and stainless steel components: traverse, lightning rod, sensor, and mast mounts. The modular design allows for great flexibility and easy installation.

- **Quick and easy installation** of wind sensors, temperature and humidity sensors with protective housing, pyranometers, sunshine duration sensors, and more.
- **High-quality, durable materials** ensure a long lifespan.
- **High flexibility** through the modular design, enabling adaptation to various applications.

Detailed information about the individual components can be found in the installation guide.



Masts and Traverses

FOR MOUNTING OF SENSORS

Our product range includes many traverses, lightning rods and masts. For a better overview you can download our data sheet with most of the articles available.

Further traverses and masts with different heights and accessories on request.



Tretjakov-style Wind Shield for precipitation sensors

APPLICATIONS

- Weather services
- Meteorology and hydrology
- Measuring networks of water suppliers
- Airports

REDUCING MEASUREMENT ERROR FROM WIND INFLUENCE

A Tretjakov-style wind shield surrounds a precipitation sensor to block approaching winds. The funnel-shaped design ensures excess wind is directed toward the ground, reducing the speed of winds in the direct vicinity of the sensor.

The wind shield ring is equipped with vertical stainless steel lamellas arranged in a circle with the bottoms coming together in a slightly conical fashion. The lamellas are connected to each other with a chain, and can be moved horizontally to create directional protection.

The Tretjakov wind shield consists of a frame, metal segments and accessories for quick and easy installation.

- Different measuring heights for all common precipitation sensors
- Durable and solid due to corrosion-resistant V4A stainless steel
- Straightforward and quick installation

Data sheet

Professional Line		Tretjakov-style Wind Shield
Id-No.:	00.15091.500100 · for measuring height 1.0 m 00.15091.500150 · for measuring height 1.5 m 00.15091.500200 · for measuring height 2.0 m	
Dimensions:	see dimensional drawing on data sheet	

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