



DATA SHEET

# Meteorological Sensors for virtually any measured Variable



Intelligent Measurement & Testing

## Meteorological Sensors for virtually any measured Variable




Choose from a wide range of meteorological sensors by selected manufacturers for almost any measured meteorological variable. Our portfolio offers everything from simple sensors at an affordable price through to highly precise, premium sensors with an exceptional price-performance ratio. Needless to say, we will also supply you with extensive accessories such as brackets, installation material and lightning protection systems.

### Benefits & Features

- Precise measuring of meteorological variables
- Premium products
- Selected manufacturers
- Products tried and tested over decades
- Large number of industrial signal outputs available
- Developed and manufactured in Germany or Europe

### Type Overview

(Extract, further more on request)

Type		Measurement Parameter Measurement Range	Output Signal
Vwind-420-60		Wind speed 0 to 60 m/s	4 to 20 mA
Vwind-10-60		Wind speed 0 to 60 m/s	0 to 10 V
Rwind-420		Wind direction 0° to 360°	4 to 20 mA
Rwind-10		Wind direction 0° to 360°	0 to 10 V
Tmeteo		Ambient temperature -30 to +70 °C	Pt100
Tmeteo-420		Ambient temperature -30 to +70 °C	4 to 20 mA
Tmeteo-10		Ambient temperature -30 to +70 °C	0 to 10 V

Type	Measurement Parameter Measurement Range	Output Signal
Tamb/ hum-MODBUS_outdoor	Ambient temperature -20 to +80 °C Relative air humidity 0 to 100 %	RS485 / MODBUS
Tamb/ hum-420_outdoor	Ambient temperature -20 to +80 °C Relative air humidity 0 to 100 %	4 to 20 mA
Tamb/hum-10_outdoor	Ambient temperature -20 to +80 °C Relative air humidity 0 to 100 %	0 to 10 V



## Accessories

(Extract, further more on request)

Weather protection shield	Protection Shield	Radiation and weather protection shield for Tmeteo sensors
Holder for wind sensor	Holder Compact	Holder for installation of wind sensors (mast mounting Ø 35 to 50 mm or wall mounting)
Traverse	Traverse compact 0,4	0.4 m long mounting unit, aluminium, for the installation of 1 meteorologic sensor, incl. mounting set with tout ribbon for pole up to Ø102mm
Traverse	Traverse compact 0,8	0.8 m long mounting unit, aluminium, for the installation of 2 meteorologic sensors, incl. mounting set with tout ribbon for pole up to Ø102mm
Lightning rod	Lightning Rod compact	Lightning rod compact, 560mm high, for mounting on traverse compact

### Intelligent Measurement & Testing