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DATA SHEET

VH 1000

Produal

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VH 1000 - Wind speed sensor



VH 1000 wind speed sensor is designed for wind speed measurement in building automation systems.

The measurement is converted to 0...10 V signal. Heating of the wind sensor ensures accurate measurement also in cold conditions.

Technical specifications

Property	Value
Supply	24 Vac/dc, < 2 VA
Wind speed measurement	
Range	0...35 m/s
Accuracy	±1 m/s
Maximum wind speed	50 m/s
Output	0...10 Vdc
Cable	5 m, 4 x 0.5 mm^2
Pole diameter	up to 50 mm
Appliance class (IEC 60664-1)	III
Operating conditions	
Temperature	-35...70 °C
Housing	
Protection class	IP65
Dimensions (w x h x d)	160 x 190 x 160 mm

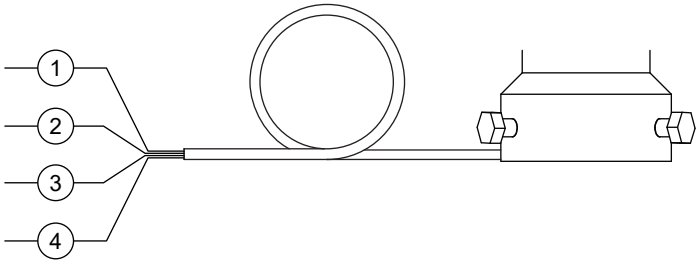
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Wiring

WARNING: Device wiring and commissioning can only be carried out by qualified professionals. Always make the device wirings in de-energised electricity network.

WARNING: This product is appliance class III product according to IEC 60664-1. The product may only be connected to SELV (safety extra low voltage) electricity network.

CAUTION: The product may only be connected to overvoltage category I, II or III electricity network according to IEC 60664-1.

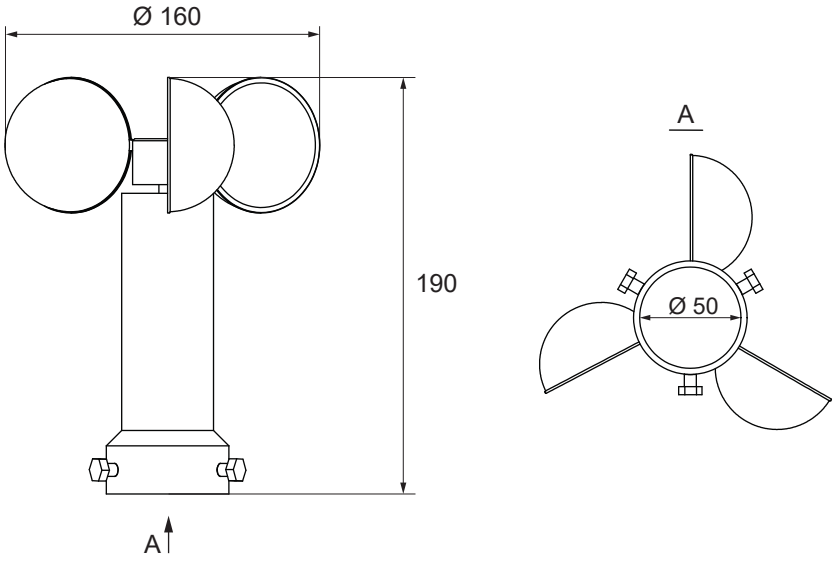


1	-	Voltage output, 0...10 Vdc (=0...35 m/s)
2	+	
3	-	Supply, 24 Vac/dc, < 2 VA
4	+	

Ordering information

	Type	Product number	Description
	VH 1000	1136050	Wind speed sensor, 0…10 Vdc

Dimensions



Supported standards, directives and regulations

Standard	Description
2014/30/EU	Electromagnetic Compatibility (EMC).
S.I. 2016 No. 1091	Electromagnetic compatibility regulations
EN 61000-6-3:2007/ A1:2011	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments.
EN 61000-6-4:2007	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments.

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