LCN-IW65

Complete wind sensor in IP65 Case

The LCN-IW65 is a wind sensor (wind turbine) with an impulse counter cable and an integrated LCN bus module for evaluating the sensor's registered data.
The parameters of the LCN bus module are set using the system software LCN-PRO.

The casing is accordingly weather-proof (IP 65 housing) and has a connection cable with a length of approximately 3 metres. It comes complete with the necessary assembly kit for wall and pole/mast fixing.

Description:

The LCN-IW65 is used for recognising wind strength so that awnings, shutters and other facilities sensitive to wind can be protected.

The parameters for the corresponding functions are set in the LCN bus module.

Functional Specifications:

The LCN wind sensor counts the pulses of the wind turbine. The turbine delivers 8 pulses per revolution. The pulses are recorded with the LCN-IV on the I-Port connection of the LCN bus module and internally evaluated according to the parameters set.

The LCN-IW65 requires a 230V power supply as well as the LCN data line for bus communication.

Hardware equipment:

1 x LCN-UPS

1 x LCN-IV

1 x LCN-IW

Note:
For more detailed information please refer to the installation instructions.

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Technical Data:

Connection:

Power supply:	230V AC ±15%, 50Hz
Power capactity:	<0,5W internal consumption
Connection power side:	litz wires 0,75 mm² (with insulated pin terminals)

Sensor:

Record range:	6 - 21m /s
Resolution:	8 pulse per revolution
Connection length:	max.100m

Ports:

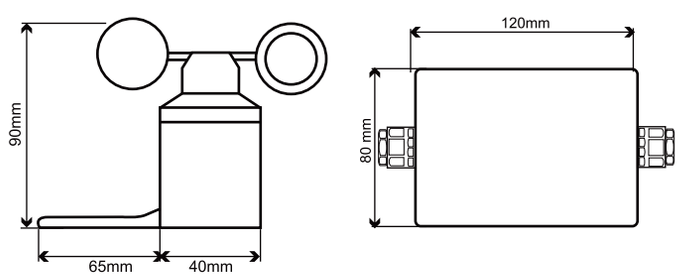
T-Port:	available
I-Port:	available/ already in use
P-Port:	not available

General details:

Opperating temperature:	-10°Cto +40°C
Environmental conditions:	Stationary installation according to VDE 632, VDE 637
Safety classification:	IP65

Dimensions:

Wind Sensor (L x W x H) :	40 mm x 40 mm x 95 mm,
Rotor (Ø):	105 mm
Exterior Case:	120 mm x 80 mm x 50 mm



Assembly: screw fixture

Circuit Diagram