

LCN-IW

Wind Sensor

Functional Specifications:

The LCN wind sensor counts the pulses of the wind turbine. The turbine delivers 8 pulses per revolution. The pulses are made available potentially-free where the LCN-IV(H) can count and send the data to an intelligent bus module. The intelligent bus module and LCN-IV are not included in delivery.



Description:

The LCN-IW is a wind sensor (wind turbine) without a processor. Evaluation is carried out via an impulse counter and intelligent bus module which are not included.

The case is weather-proof and has a connection cable with a length of approximately 3 metres. It comes complete with the necessary mounting kit for either wall fixture or mast.

Field of application:

The LCN-IW is used for the recognition of wind forces. So awnings, shutters and other facilities sensitive to wind can be protected.

The parameters for the above functions are set in the bus module using the LCN-P or PRO software..

Note:

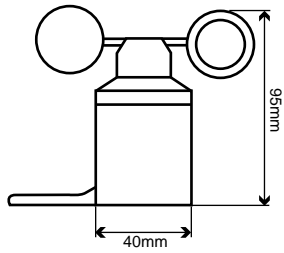
The LCN-IW needs a LCN-HU, LCN-UPP or LCN-SH+ and the LCN pulse-counting cable for operation.

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Measurements:

Wind Sensor (L x B x H) : 40mm x 40mm x 95mm,
 Rotor (Ø): 105mm



Technical Data:

Connection:
 Power supply: Availability through LCN-IV
 Connection power side: 1,5m rubber tube cable

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

General Details:
 Operating temperature: -10°C bis +40°C
 Humidity: max. 80% rel., no condensation
 Environmental conditions stationary installation according to VDE 632, VDE 637

Safety classification: IP 65

Assembly: screw fixture

Circuit Diagram

