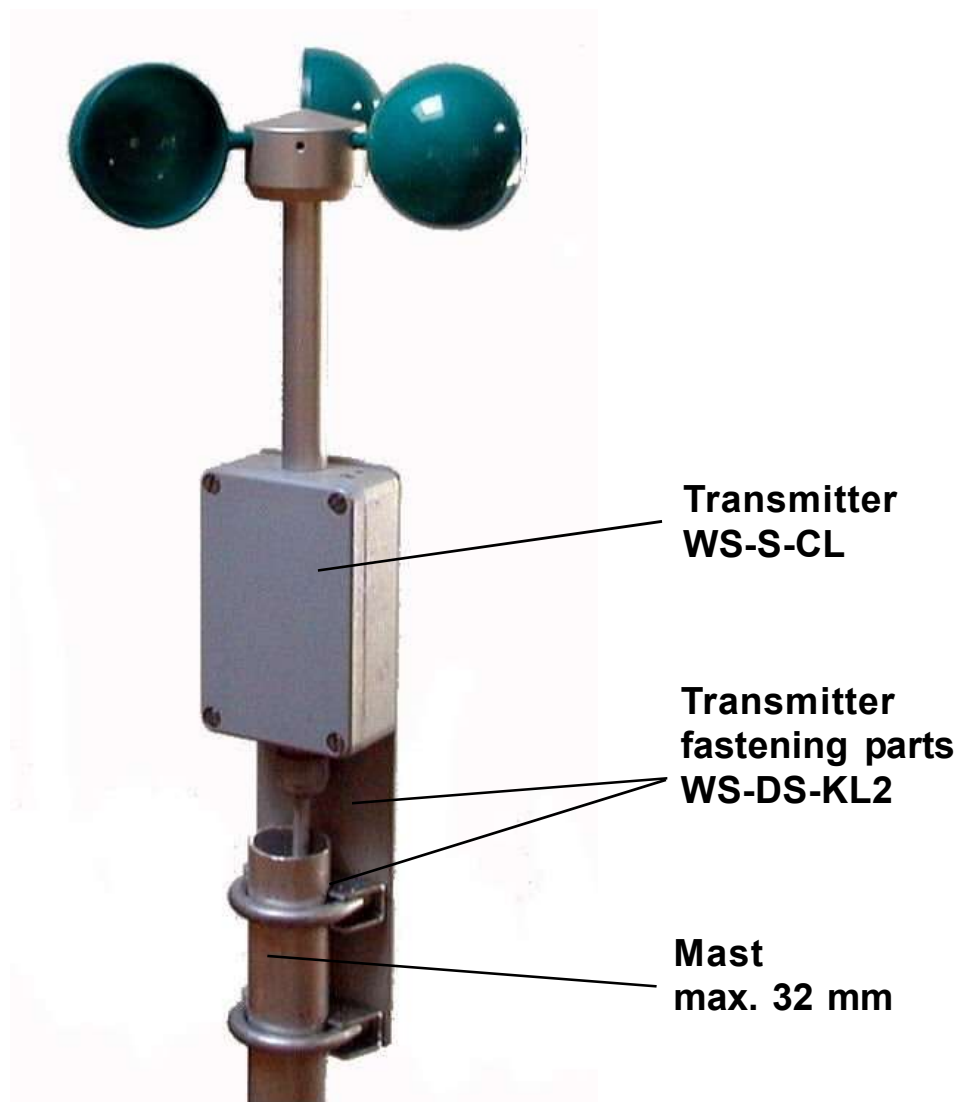

Wind speed Sensor WS-S-CL



for:

- meteorologic station, ships, tug boats,
- tanks, towers, power stations, buildings
- oil rafts, seaports, airports, cranes etc.

Wind speed Sensor WS-S-CL

Description

WS-S-CL is an integrated wind sensor (anemometer, transmitter) which is equipped with current loop outputs. It can be directly connected to meters, measurement computers, weather stations, data loggers or plotters which have standard current loop terminals (0/4 to 20 mA). The sensors are closely fitted to the transmitter unit and it can be mounted as such on the top of the instrumentation mast. Transmitter unit is equipped non isolated current loop transmitter. Isolated loop is optional module. Transmitter is protected against lightning with varistors.

TECHNICAL DATA :

Anemometer Type:	: linear anemometer, WS-S-CL,
Materials	: Polycarbonate/aluminium
Cups	: polycarbonate
Ball bearing	: stainless St ball bearing,
Measurement range, max.	: 0...60 m/s,
Accuracy	: (range 0.8...60 m/s)
wind speed up to 10 m/s	: ± 0.5 m/s
wind speed over 10 m/s	: error < 3%
Starting treshold	: 0.7 m/s
Operating temp.	: -40...+60 °C (-40...+131 °F)
Storage temperature	: -60...+65 °C (-76...+149 °F)
Operating voltage	: 20...28 VDC, 5 W,
Case material	: aluminium case IP66,
Case dimension	: 65*100*35 mm ³
Cable clamping	: PG11
Dimensions	: ø170 * 365 mm
Weight	: 800 gr.
Transmitter cable e.g.	: 2 * 2 ' 0,25 mm ² ,
Normal instrumentation cable,	: 2 pair (1+1 power, 1+1 Current Loop)

OPTIONS:

Current isolation	: -E420, 4-20mA / 4-20mA
Cabling	: Instrumentation cable 2*2*0,25mm ² +1

The factory calibration is 0 to 40 m/s = 4 to 20 mA current.
(RE: 0 or 4 mA can be select with jumper settings).
Other wind speed calibration are also available: please ask.

OPTIONS:

-E420 **Current Loop isolator for isolated singal 4 to 20 / 4 to 20 mA**

GUARANTEE:

Suunnittelutoimisto REHN Ky issues a guarantee for the material and workmanship of this product for twelve (12) months from the date of delivery.
Damage due to exceptional operation conditions , careless handling or misapplication will void the guarantee.

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