

WEATHER STATION FOR EXTREME CONDITIONS

- Weather station for connection to Sunsync 240 / 280 V2
- Replaces standard weather station type Sunsync WS V2
- Recommended for west-facing coastal areas and north of Trondheim
- When paired with Sunsync 240 / 280, the following measurements are supported:
 - Wind speed
 - Rain sensor
 - Temperature
 - Solar intensity measurement in Lux (4 sensors)
 - Solar intensity measurement in W/m² (1 sensor)
 - GPS receiver for determining location and time.

TECHNICAL DATA

Power supply (external)	24 V DC (supplied via sensor bus)
Power consumption	Max. 300mA
Protocol	Modbus RTU
Baud	19200 baud
Modbus ID no.	15
Colour	White
Dimensions	Ø130 x 70mm

CABLE TYPES

LOCATION	CABLE TYPE
Connection to control station	4x0.8 paired and shielded, max. length 250 metres
Included pre-installed cable	5-metre black cable with 7-pin plug

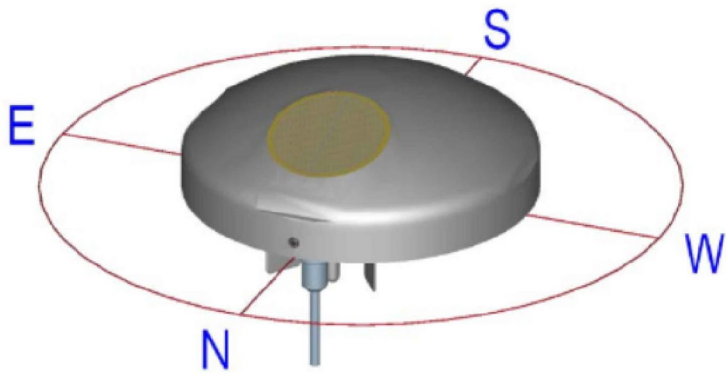
INSTALLATION

Mounted on mast freely above roof.
Please also refer to separate installation instructions.

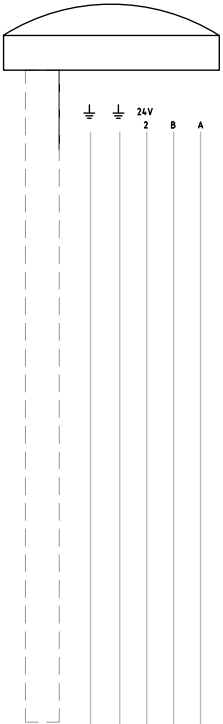
COMPATIBILITY

Can only be used for Sunsync 240 / 280 software version v 2.2 or later.

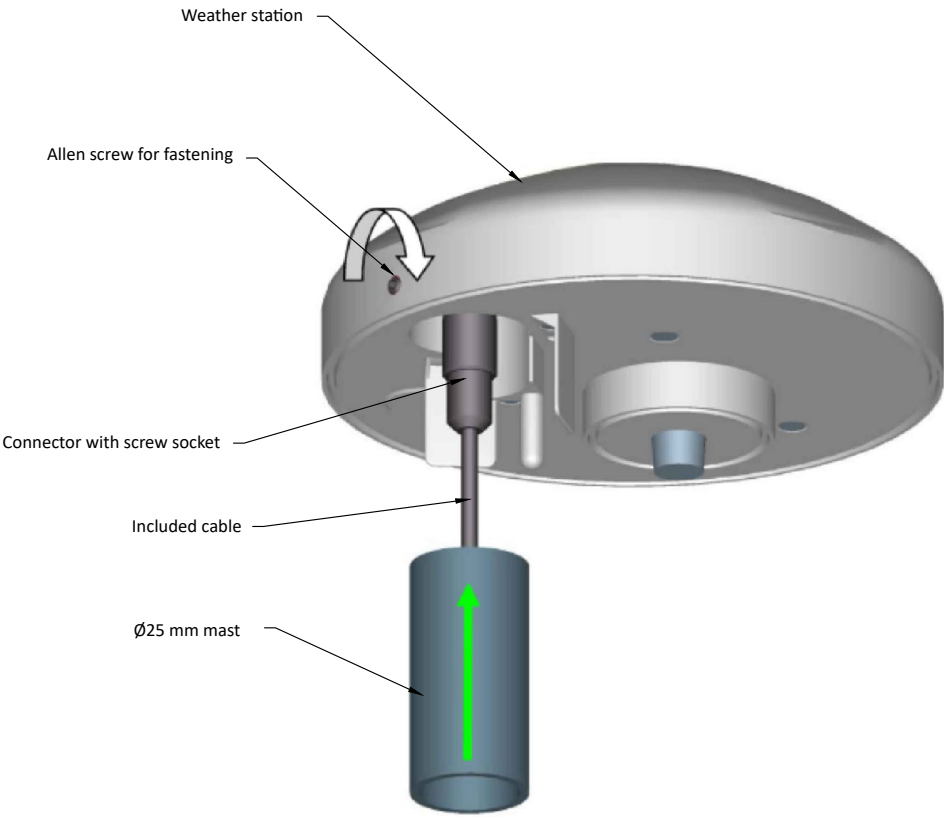
WEATHER STATION V2X
 (alternative weather station, not standard)
 Type: WSC11
 Addr.: 15



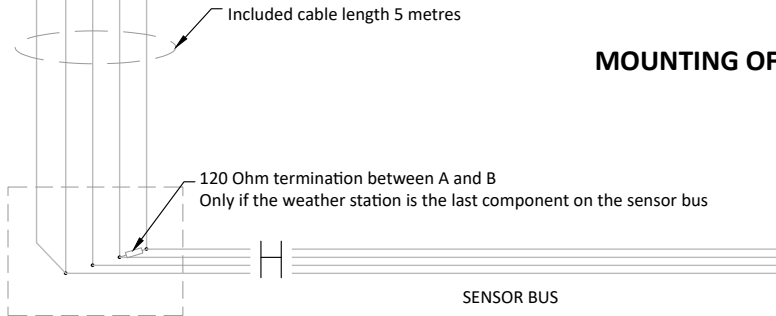
ORIENTATION OF WEATHER STATION



GND = HV/D/WHITE (DATA GROUND)
 GND = GR./GREY (POWER GROUND)
 +24V DC = GUL./YELLOW
 B (-) = GRÜN/GREEN
 A (+) = BRUN/BROWN



MOUNTING OF WEATHER STATION ON MAST



Included cable length 5 metres

120 Ohm termination between A and B
 Only if the weather station is the last component on the sensor bus

SENSOR BUS

For more information on [sunsync](#); contact:



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