

WIND DIRECTION SENSOR METEOCONTROL COMPACT

Item No.: 423.411



DESCRIPTION OF FUNCTIONS

The meteocontrol compact wind direction sensor records the horizontal wind direction in angular degree and issues it as an analogue current signal.

TECHNICAL DATA

Electric output:	4 – 20mA (resistance: max. 500Ω)
Measuring range:	0 ... 360 °
Accuracy:	±5 °
Resolution:	0,4 m/s
Operating voltage:	8 ... 30 V DC
Current consumption:	50mA
Heating:	Max. 20W; 24V AC / DC
Ambient temperature:	-40 ... 70°C
Connection class:	Cable UV-resistant, 12m (6x0.25mm ²)
Dimensions:	Ø 215 mm x 212 mm
Protection class:	IP 55
Weight:	1,2 kg

WIND DIRECTION

Configuration for data logger:	
Type:	Current measurement
Gradient:	22,5
Offset:	-90
Abbreviation:	W_Dx*
Unit:	°

SPECIAL PROPERTIES

* Abbreviation x is a placeholder for a consecutive number. If more than one sensor of a given type is installed, the numbering starts with 1. Otherwise, 0 is used.