AIR PRESSURE, WIND

Technical Data	Order No.
Pressure sensor	8355.03
Dimensions	100mm x 65mm x 41mm
Connection type	Cable clips
Output signal	4...20mA
Operating voltage	7...15VDC
Operating current	4mA
Weight	ca. 360g
Protection type	IP54
Operating temperature range	-40...60°C
Max. burden	<(UB-7V)/20mA
Operating humidity range	0...95% RH (non-condensing)
Absolute pressure	
Principle	Capacitive ceramic
Measuring range	0...1200 hPa
Accuracy	±0.5hPa, for T=20°C and 600hPa <Pabs <1100hPa
Absolute pressure	
Principle	Capacitive ceramic
Measuring range	0...1200 hPa
Accuracy	±1.5hPa, for 0°C <T <40°C and 600hPa <Pabs <
	1100hPa
Absolute pressure	
Principle	Capacitive ceramic
Measuring range	0...1200 hPa
Accuracy	±2.0hPa, for -20°C <T <45°C and 600hPa <Pabs <
	1100hPa
Absolute pressure	
Principle	Capacitive ceramic
Measuring range	0 ... 1200 hPa
Accuracy	±3.0hPa, for -40°C <T <60°C and 600hPa <Pabs <
	1100hPa

Technical Data	Order No.
Wind sensor unheated	8368.01
Dimensions	Traverse 1m
Start-up value	0.9m/s
Connection type	Open cable ends
Weight	2.5kg
Cable length	10m
Protection type	IP65
Wind direction	2° open at south
Operating temperature range	-30...70°C
Wind speed	
Principle / Measuring range	Generator / 0.9...50 m/s
Wind direction	
Principle / Measuring range	Potentiometer / 0...358 °
Wind sensor heated	8368.02
Accessories	**Order No.**
Power supply for heated probes	8161.SV4

Technical Data	Order No.
Wind sensor unheated technical data as 8368.01	8368.03
Wind sensor heated technical data as 8368.02	8368.04
Heating	40W, 24VDC/AC
Accessories	**Order No.**
Power supply for heated probes	8161.SV4

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