

# 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

