



Wind Monitor—Heated S6747

- No maintenance
- No moving parts
- No calibration required
- Stainless steel construction

This heated wind monitor has been developed specifically for use in cold, icy and snowy locations. With a low start-up speed (0.01 m/s) and no moving parts, this anemometer has significant benefits over standard 3-cup anemometers. It requires no calibration or maintenance. Wind speed and direction data is provided via a RS-422 bi-directional link. Designed to provide reliable and accurate wind speed and direction information in hostile environments.





Technical Specifications

S6747

Measurement

Output Range: 1 output/sec
Parameters: Wind speed and direction or UV

Wind Speed

Range: 0 - 65 m/s
Resolution: 0.01 m/s
Accuracy: 2%
Offset: +/- 0.01 m/s

Wind Direction

Range: 0 - 360°
Resolution: 1°
Accuracy: 2°

Power Requirement

Anemometer Only: 9 to 30 VDC (40 mA at 12 VDC)
Heater: 3 amps at 24 VAC

Environmental

Operating Temperature: -55°C to +70°C
Operating Humidity: 5% to 100% RH
Moisture Protection: IP66
Precipitation: 300 mm/hr
EMC: BS EN 50081 - 1: 1992 (Emissions class B)
BS EN 50082 - 2: 1992 (Immunity)

PHYSICAL

Anemometer
Size: 405 mm x 210 mm
Weight: 2 kg
PCI
Size: 325 mm x 230 mm
Weight: 7 kg