

BUFFALO GAUGE INC™

INSTRUMENTATION SERVICES

Your One Stop Instrument Shop



SOLAR DIGITAL THERMOMETER

The solar-powered DSI Series Thermometer fits any standard industrial thermometer well. The bold, hi-contrast display is easily read from greater distances than the typical glass tube thermometer. The unique design includes bi-directional solar panels, allowing the unit to collect light from multiple planes. The DSI Series Industrial Thermometer is furnished in one standard temperature range (-58 to 302°F & -50 to 150°C) which is switchable in the field greatly reducing inventory requirements.

Features:

- Dual Solar Panels** = Better light pick up in low light conditions
- F or C switching** = less inventory for more applications
- Swivel + Angle Adjustment** = suitable for all locations



SPECIFICATIONS

Case: High Impact Abs Black Plastic
Stem: Aluminum, 3 1/2" Or 6"
Connection: 1 1/4" - 18 Unef Brass Jam Nut
Sensor: Glass Passivated Thermistor
Range: -58° To 302°F (-50 To 150°C), Field-Switchable Between °F & °C
Display: Lcd, Black Character, 1/2" High With Gray Background

Illuminance: Bi-Directional Solar Collectors, 35 Lux
Update Time: 6 Times Per Minute
Accuracy: Greater Value Of 1° Or 1% Of Reading
Resolution: 0.10° Between -58° To 199.9°F (-50° To 93°C)
Recalibration: Internal Potentiometer
Environmental Conditions:
Ambient Temperature: -30° To 140°F (-35° To 60°C)
Ambient Temperature Error: None
Maximum Humidity: 100%

DIMENSIONS

	DSI-FC-35	DSI-FC-6
	3 1/2" Stem	6" Stem
A	3.20	3.20
B	7.56	10.06
C	5.75	8.25
U	2.50	5.00



THERMOWELLS



		Brass	316SS
3 1/2"	std	TWB-35	T4E3D2
	lag	TWB-35-LAG	T4E3D2B
6"	std	T1M3D2	T4M3D2
	lag	T1M3D2E	T4M3D2E