

Solar Digital Thermometer with Integral RTD or Transmitter

TLS



Description & Features:

- Provides local and remote temperature readings
- 304 stainless steel case, stem and socket
- Hermetically sealed thermometer case
- 1/2" adjustable angle connection
- 4" (100mm), 6" (150mm) and 9" (230mm) stem lengths
- Digital 4-20 mA output
- 1 year warranty

Applications:

- Industrial processes, compressors, pulp and paper, food processing and wastewater

Specifications	
Dial	3" (75mm)
Case	AISI 304 SS
Lens	Glass
Ring	AISI 304 SS
Connection	1/2" NPT, fully adjustable
Welding	TIG
Power Supply	Solar panel
Transmitter/Head	4-20mA with SS head
Element	PT100, 2 wire lead
Ambient Temperature	-58°F to 140°F (-50°C to 60°C)
Process Temperature	-58°F to 302°F or (-50°C to 150°C)
Read Interval	Every 6 seconds
Accuracy	±1%
Enclosure Rating	IP50

Order Codes

Stem Length	Fully Adjustable	
	-50°F to 320°F	-50°C to 160°C
4" (100mm)	TLS001	TLS004
6" (150mm)	TLS002	TLS005
9" (225mm)	TLS003	TLS006

Option suffix for above order codes only:

A005 = Aluminum head
Other stem lengths available