Introducing the Next Generation

SX9 Digital Therm

Light-Powered Digital Thermometer

- New Compact Design
- 1” LCD display
  The Industry’s largest!
- Class Exclusive NEMA 4X
  (IP65) Weatherproof Case
- Fire-Resistant Case (ABS-FR)

TRERICE

TEMPERATURE • PRESSURE • CONTROL

Distributed by M&M Control 800-876-0036 847-356-0566

SX9 Digital Therm

Light-Powered Digital Thermometer • Weatherproof NEMA-4X Case

SX9140305 shown

- **Light Powered No Batteries Required**
- **Large 1" LCD Display °F/°C Switchable**
- **ABS-FR Plastic Case NEMA 4X/IP65**
- **Fire Resistant FR-V0**

The Trerice **SX9 "Digital Therm"** comes standard with a NEMA-4X case, making it the perfect choice for outdoor applications and in areas that require "spray-down." The **SX9** is the ideal replacement for existing mercury-in-glass thermometers in environmentally conscious applications. It features an ABS-FR (fire-resistant) plastic case, class-leading 1" LCD display and an adjustable-angle stem that is fully interchangeable with industrial liquid-in-glass thermometers. Also available is a bimetal type stem for applications where a digital thermometer is preferred over existing analog bimetals. The "**SX9**" requires no external power and needs only 10 lux of illumination (from any light source) to operate.

- Optional features available: Please Please consult the Options & Accessories Section for details.

Thermowell

- For applications where the process media may be corrosive or contained under pressure, the use of a thermowell is required to prevent damage to the thermometer and facilitate its removal from the process.

(Refer to page 160)

Specifications

Model	Case Size
SX9	5.9" Adjustable Angle
Case	Blue ABS-FR (fire-resistant) NEMA 4X
Stem	Industrial, Bimetal or Air-Duct
Connection	**Industrial:** 1 1/4-18 UNEF-2A coupling nut **Bimetal:** 304 Stainless steel stem 1/4" diameter, 1/2 NPT **Air-Duct:** Reversible mounting flange with 3 bolt holes
Sensor	Digital Temperature Sensor
Range	-50 to 300° F (-46° to 150° C)
Display	1" LCD digits switchable between F/C.
Accuracy	1% or 1° F, whichever is greater
Resolution	1/10°
Update Interval	10 seconds
Lux Rating	10 Lux (one foot candle)
Ambient Operating Temperature	-50° to 140° F (-46° to 60° C)
Ambient Temperature Error	None
Humidity	Maximum: 95 RH, non condensing
Approximate Shipping Weight	0.6 lbs [0.27 kg]

Note: *Suitable for outdoor use.*

HOW TO ORDER

Sample Order Number: **SX9 1 403 05**

Model	Stem (Style & Material)	Stem (Length)	Specific Range
SX9 5.9" Adjustable	**1** Industrial (Aluminum)	**403** 3 1/2" (standard) **406** 6" (standard)	**05** -50° to 300° F/C
	5 Bimetal (304 SS)	**602** 2 1/2" Bimetal **604** 4" Bimetal **606** 6" Bimetal	
	9 Air-Duct (Aluminum)*	**006** 6" Air-Duct **012** 12" Air-Duct	

* Not for use with Thermowell

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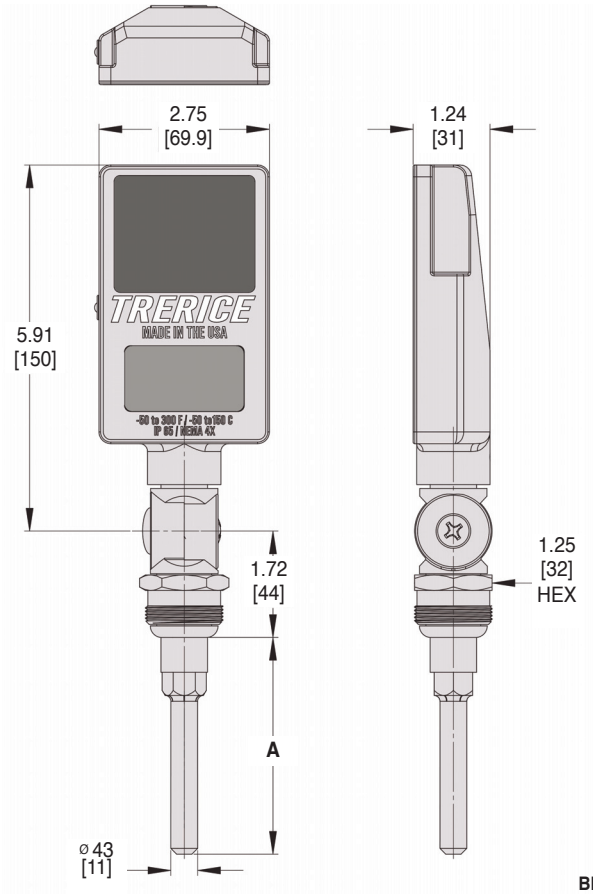
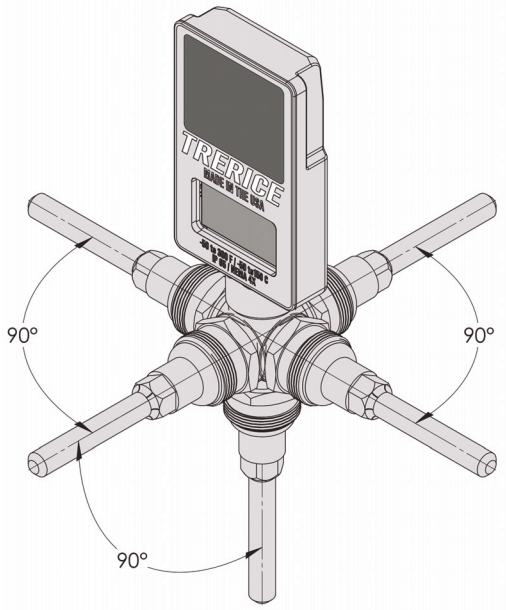
SX9 Digital Therm

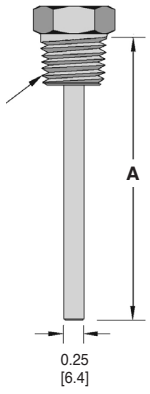
All dimensions are nominal.
Dimensions in [ ] are in millimeters.



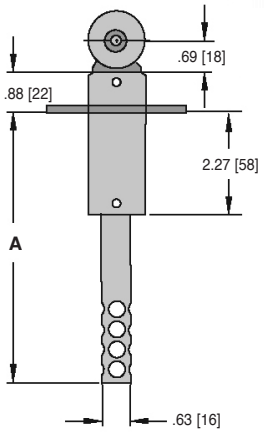


(A) Stem Length	Dimension	
3 1/2" Industrial	3.50	[88.9]
6" Industrial	6.00	[152.4]
2 1/2" Bimetal	2.50	[63.0]
4" Bimetal	4.00	[101.6]
6" Bimetal	6.00	[152.4]
6" Air-Duct	6.00	[152.4]
12" Air-Duct	12.00	[304.8]

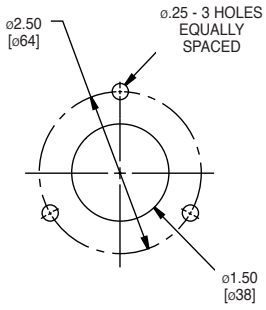
BIMETAL STEM



AIR-DUCT STEM



AIR-DUCT STEM
MOUNTING DIMENSIONS



Thermowells for SX9 Solar-Therm

for INDUSTRIAL STYLE Stems				for BIMETAL STYLE Stems			
Model	**Stem Length**	**Insertion Length**	**Material**	**Model**	**Stem Length**	**Insertion Length**	**Model**
3-4F2	3 1/2"	2 1/2"	Brass	**76-4G2**	4"	2 1/2"	Brass
3-4FA2	3 1/2"	1.7" with 1" lagging extension	Brass	**76-4GA2**	4"	2" with 1" lagging extension	Brass
3-4J2	6"	5"	Brass	**76-4J2**	6"	4 1/2"	Brass
3-4JD2	6"	2 1/2" with 2 1/2" lagging extension	Brass	**76-4JC2**	6"	2 1/2" with 2" lagging extension	Brass

(See page 160 for additional materials)

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