SX9 Digital Therm

Light–Powered Digital Thermometer ● Weatherproof NEMA–4X Case

▶ **Light Powered No Batteries Required**

▶ **Large 1" LCD Display °F/°C Switchable**

▶ **ABS-FR Plastic Case NEMA 4X/IP65**

▶ **Fire Resistant FR-V0**

SX9140305 shown

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.

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]

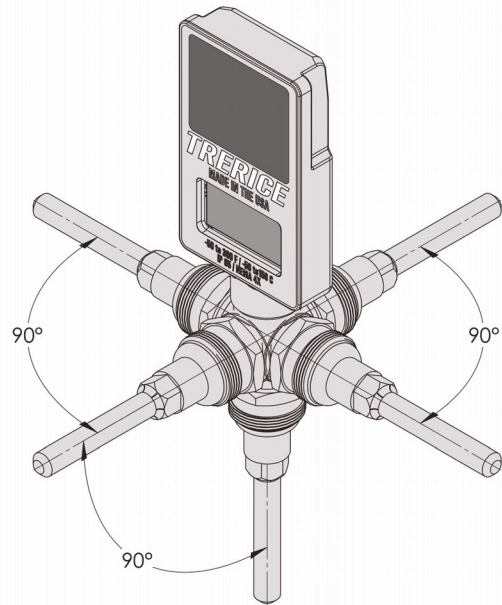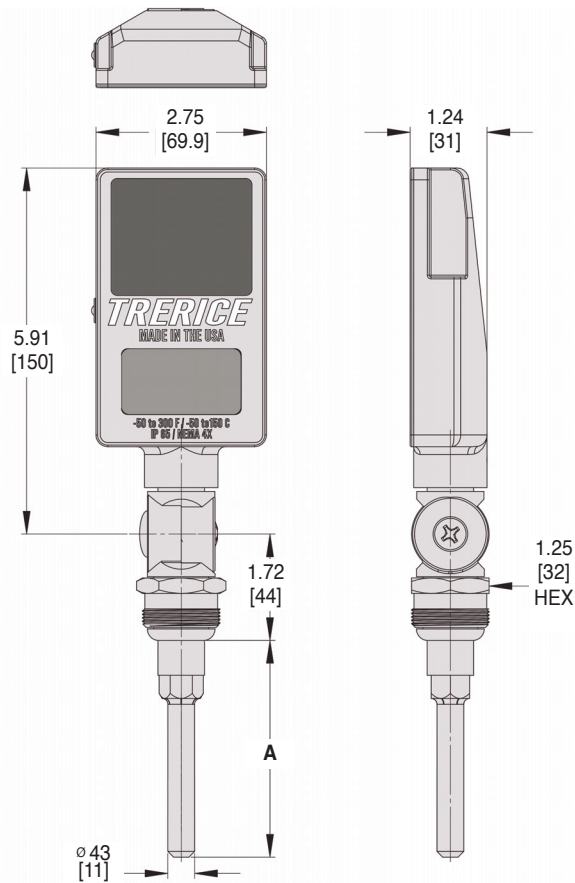*Note: Suitable for outdoor use.*

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)	**05** -50° to 300° F/C
		406	6" (standard)	
	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

TRERICE

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

BIMETAL STEM

AIR-DUCT STEM

AIR-DUCT STEM
MOUNTING DIMENSIONS

ø.25 - 3 HOLES
EQUALLY
SPACED

(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]
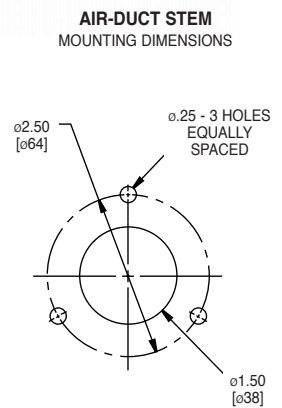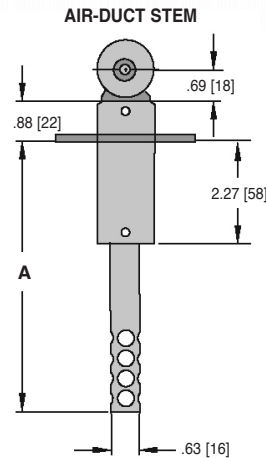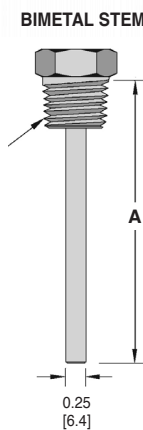
Thermowells for SX9 Solar-Therm

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)

(See page 163 for additional materials)