



ACI SUBMITTAL SHEET

TEMPERATURE

THERMISTORS

A/AN-I-4"-4X



Sensor Specifications

Sensor Output	10k Ohms @ 77°F (25°C) (Type III)
Accuracy	+/-0.36°F (0.2°C) from 32 to 158°F (0 to 70°C)
Stability	+/-0.23°F (+/-0.13°C)
Interchangeability	+/-0.36°F (+/-0.2°C)
Operating Temperature Range	-40 to 302°F (-40 to 150°C)
Power Dissipation Constant	3mW/°C
Operating Humidity	10 to 95% RH non-condensing
NTC (Negative Temperature Coefficient) Thermistor	

Configuration: Immersion w/ 304 Stainless Steel two piece well(welded)

Immersion with fabricated well and double potted sensor

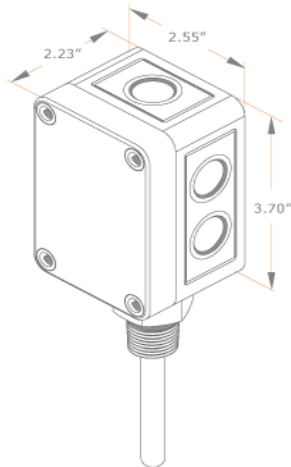
Wire Specifications

Wire Rating	MIL-W-16878/4 Type E
Wire Description	22 AWG Etched Teflon
Wire Temperature Range	-67 to 392°F (-55°C to 200°C)

Enclosure Specifications

Enclosure Temperature Range	-40°F-158°F
Enclosure Material	Styrene
Enclosure Rating	NEMA4X, 940HB (UL)

NEMA 4X
(Immersion)



IMMERSION LENGTHS

Part #	Insertion Length
A/2.5"	2.50"
A/4"	4.00"
A/6"	6.25"
A/M2.5"	2.50"
A/M4"	4.50"
A/M6"	6.25"

All ACI Immersion type sensors are provided with 2 part thermowells unless specified when ordered. (The A/M2.5", A/M4" and A/M6" are machined wells)

