

Cast Aluminum Epoxy Coated Instrument Connection

Optional Thermowell

Conduit Connection

****Cenelec Approved**

See Part Number For Terminal Block

When attaching thermowells to assemblies on this page please refer to the ALLTEMP SENSORS "Thermowell Catalogue"

Model AE
 NPT NPT nipple
 A (Installed Length) (A=Thermowell Stem Length) (Includes Approx. 0.5" Spring Loading)
 .35" for 1/2" NPT
 .45" for 3/4" NPT

Model AF
 NPT NPT nipple-union-nipple
 A (Installed Length) (A=Thermowell Stem Length) (Includes Approx. 0.5" Spring Loading)
 .35" for 1/2" NPT
 .45" for 3/4" NPT

Model AG
 NPT NPT fixed bushing
 1" A
 Fillet Weld

Model AK
 NPT NPT spring-loaded bushing
 A (Installed Length) (A=Thermowell Stem Length) (Includes Approx. 0.5" Spring Loading)
 1" .35" for 1/2" NPT
 .45" for 3/4" NPT

Model AI
 NPT remote-mount
 N A

Certified with a thermowell
 NRTL/C Class I Division I Groups BCD
 Class II Division I Groups EFG
 Class III; Encl. Type 4X

Certified without a thermowell
 NRTL/C Class I Division I Groups BCD
 Class II Division I Groups EFG
 Class III; Encl. Type 4X

Certified with a thermowell
 NRTL/C Class I Division I Groups BCD
 Class II Division I Groups EFG
 Class III; Encl. Type 4X

Certified without a thermowell
 NRTL/C Class I Division II Groups BCD
 Encl. Type 4X

****Cenelec Approved Explosion-Proof Enclosure.**

Ordering Code

Model (see above) - 7 - Instrument Connection - Terminal Block (See Page D17a) - RTD Type - Number of Lead Wires: 2, 3, 4A, 4B - Temperature Rating - 'A'-length (inches) - 'N'-length (inches)

Instrument Connection
 1/2" NPT = 1
 3/4" NPT = 3

Conduit Connection
 1/2" NPT = 1
 3/4" NPT = 3

RTD Type
 a=0.00385, 100 ohm Pt (1/10 DIN) = 1
 a=0.00385, 100 ohm Pt (Class A) = 2
 a=0.00392, 100 ohm Pt = 3
 a=0.00427, 10 ohm Cu = 4
 a=0.00672, 120 ohm Ni = 5

RTD Diameter
 14 = 1/4"
 18 = 1/8"
 21 = 0.215"
 36 = 3/16"
 6M = 6mm

Temperature Rating
 LT = low temperature max. 200°C
 HT = high temperature max. 450°C
 UT = ultra high temperature max. 600°C and high vibration

Number of Lead Wires: 2, 3, 4A, 4B

2-Wire 3-Wire 4-Wire, type A 4-Wire, type B

Optional Thermowell Part No.

Sample Order Code: AE-7113-T04-2-14-3-LT-6-12

D16