



Products and Solutions

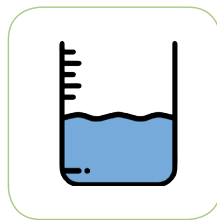
To Measure, Monitor and Control



Flow



Pressure



Level



Temperature



Analytical

For The Process Industries

AE TEMPERATURE GAUGE



AE 712
Bimetal Type
Temperature Gauge

AE 713
Bimetal Type Every Angle
Temperature Gauge

AE 714
Capillary Type
Temperature Gauge

AE 715
Mercury or Kerosene
Filled Thermometer

General Data	<ul style="list-style-type: none"> All Stainless steel case & stem Bottom / Center Back Entry Optional silicon oil filled for temperature up to +200°C Standards conform in to EN 13190 	<ul style="list-style-type: none"> All Stainless steel case & stem Bottom Every Angle Entry Optional silicon oil filled for temperature up to +200°C Standards conform in to EN 13190 	<ul style="list-style-type: none"> All Stainless steel case & stem With capillary for remote measurement Optional silicon oil filled for temperature up to +200°C Standards conform in to EN 13190 	<ul style="list-style-type: none"> For general purpose non-aggressive media, air, water and oil Cost effective temperature measurement Bottom / Back Entry Compact
Application: Temperature measurement in	Food & Beverage, Pharmaceutical, Chemical, Fertilizer, Power, Cement, Sugar, Pulp & Paper industries	Food & Beverage, Pharmaceutical, Chemical, Fertilizer, Power, Cement, Sugar, Pulp & Paper industries	Food & Beverage, Pharmaceutical, Chemical, Fertilizer, Power, Cement, Sugar, Pulp & Paper industries	HVAC, Irrigation Equipment, Utilities, Compressed Air System and Other General Industrial Application
Nominal Size	Ø 63, 80, 100, 150 mm	Ø 80, 100, 125, 150 mm	Ø 63, 80, 100, 150 mm	Ø 110, 150, 200 mm
Stem Size (mm)	Ø 6	Ø 6	Ø 6	Ø 10
Stem Length (mm)	85, 100, 150, 200, 300	85, 100, 150, 200, 300	85, 100, 150, 200, 300	40, 60, 100, up to 300 mm
Measuring Ranges	Scale range available from 0 ... 100°C to 0 ... 500°C 0 ... 210°F to 0 ... 920°F	Scale range available from 0 ... 100°C to 0 ... 500°C 0 ... 210°F to 0 ... 920°F	Scale range available from 0 ... 100°C to 0 ... 500°C 0 ... 210°F to 0 ... 920°F	Scale range available from 0 ... 50°C to 0 ... 200°C 0 ... 120°F to 0 ... 400°F
Process Temperature / Over Temperature Limit	Up to +600°C Dry / 15% of full scale range or 600°C	Up to +600°C Dry / 15% of full scale range or 600°C	Up to +600°C Dry / 15% of full scale range or 600°C	Up to +600°C / 15% of full scale range or 600°C
Operating Pressure	Up to +15kg/cm ² (without thermowell)	Up to +15kg/cm ² (without thermowell)	Up to +15kg/cm ² (without thermowell)	Up to +15kg/cm ² (without thermowell)
Accuracy	Class 1 as per EN 13190	Class 1 as per EN 13190	Class 1 as per EN 13190	-
Materials	Case: AISI 304 SS Ring: AISI 304 SS Stem: AISI 316 SS Sensing: Bi-Metal strip coil Joints: Tig Argon Welding Dial: Aluminium Pointer: Aluminium Window: Sheet Glass Gasket: Neoprene	Case: AISI 304 SS Ring: AISI 304 SS Stem: AISI 316 SS Sensing: Bi-Metal strip coil Joints: Tig Argon Welding Dial: Aluminium Pointer: Aluminium Window: Sheet Glass Gasket: Neoprene	Case: AISI 304 SS Ring: AISI 304 SS Stem: AISI 316 SS Capillary: AISI 304 SS Joints: Tig Argon Welding Dial: Aluminium Pointer: Aluminium Window: Sheet Glass Gasket: Neoprene	Case: Aluminium Sight Tube: Glass / Trigonal Glass Stem: Brass
Mounting	<ul style="list-style-type: none"> Direct Bottom Entry Direct Center Back Entry 45° angle mounting (for nominal size Ø100 mm only) 	<ul style="list-style-type: none"> Every Angle Back Entry 	<ul style="list-style-type: none"> Push Fit Type Capillary length : 3, 5, 10 m (Special length on request) 	<ul style="list-style-type: none"> Direct Bottom Entry Direct Lower Back Entry
Connection	1/2" Male NPT or BSP threaded connection	1/2" Male NPT or BSP threaded connection	1/2" Male NPT or BSP threaded connection	3/8" or 1/2" Male NPT or BSP threaded connection
Options	<ul style="list-style-type: none"> Shatterproof Glass / Safety Glass Dampening liquid silicon oil AISI 316 Case & Bezel Custom designed dial 	<ul style="list-style-type: none"> Shatterproof Glass / Safety Glass Dampening liquid silicon oil AISI 316 Case & Bezel Custom designed dial 	<ul style="list-style-type: none"> Shatterproof Glass / Safety Glass Dampening liquid silicon oil AISI 316 Case & Bezel Custom designed dial 	<ul style="list-style-type: none"> Custom designed scale



AE ANDERSON
EUROTECH
VALVES AND INSTRUMENTS

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