

Pressure Measurement & Control
Temperature Measurement & control
80 kg/cm²

Flameproof
Simplex

K Type
Pt 100
Triclover
Relay
Portable Instruments

aaavad[©]
INSTRUMENT

Flow Measurement & Control

Cable
Process Control Instrument
Duplex
RTD

value of words

We Are Thankful To



Serving 1050+ Clientele
Since 2009

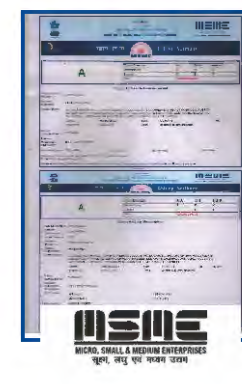
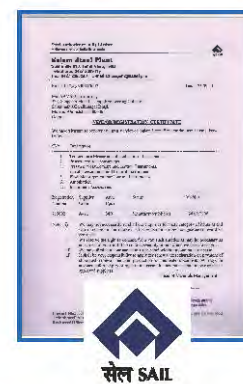
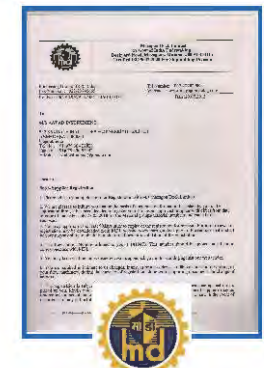
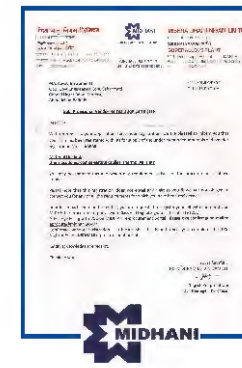
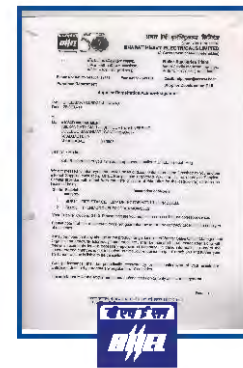
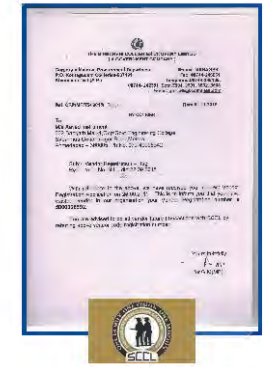
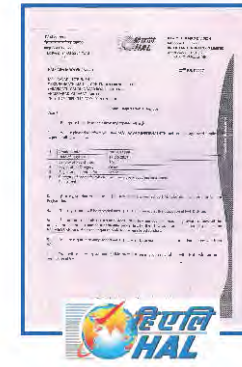
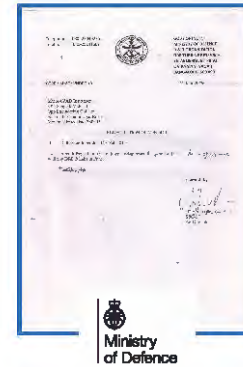
Introduction

AAVAD Instrument (ISO 9001:2008) is a next generation young entrepreneurship engineering firm and leading manufacturer & supplier of measuring instruments like Temperature, Pressure, Flow, Level, Analytical, Automation, and Panel Mfg. & Instrumentation Cables. The organization has started its journey in 2009. With the steady pace and its exponential growth it has become industry leader within a very short span of time. Starting from product supplier, we are emerging as a one-stop engineering window in the industry with 1050+ customers across the globe. With a significant year on year growth, AAVAD has built strength of executing customized solutions.

We help our customers in adopting technology advancement to maximize their Return on Investment with zero-tolerance qualitative approach

We are committed to maintain high standards of quality across the engineering and technology industry. It shall be achieved through customer satisfaction by ensuring consistency in our products with on-time delivery and after sales support.

Approvals



| | | |
|---|---|--|
|  Sabarmati Gas |  PETRONET LNG LIMITED |  हिंदियनऑयल |
|  Reliance Industries Limited | Oil, Gas & Petroleum |  गैल GAIL |
|  adani™ |  HP |  ओएनजीसी ongc |
|  एन एफ एल NFL |  MCF |  Gokul AGRO RESOURCES LTD. |
|  FMC | Fertilizers & agricultural |  GSP |
|  JAYANT AGRO ORGANICS LTD. |  Coromandel FUTURE POSITIVE |  RALLIS INDIA LIMITED A TATA Enterprise |
|  PEPSICO |  Coca-Cola |  Amul |
|  Vadhalal ICE CREAM PURE VEGETARIAN | Food & Dairy |  Havmor ICE CREAM |
|  MOTHER DAIRY |  Dudhsagar The Pride of India | |
|  Sintex SINCE 1975 |  SHUBHALAKSHMI COLLECTORSHIP |  RUBBER KING |
|  apollo | Plastic & rubber |  POLYCAB WIRES & CABLES |
|  ASTRAL PIPES |  Plastene India Limited |  DUTRON® |
| INDUSTRY SERVED | | |
|  dishman |  torrent PHARMA |  INTAS |
|  LUPIN PHARMACEUTICALS, INC. | Pharma |  F |
|  amneal |  CADILA PHARMACEUTICALS LIMITED |  Unique Pharma |
|  ADANI |  CGPL Coastal Gujarat Power Limited |  GAR |
|  SASAN POWER | Power plant |  TATA POWER |
|  torrent POWER |  WELSPUN Date to Commit Welspun Energy Ltd. |  नर्मदा NTPC |
|  VISA STEEL |  MIDHANI |  JSW |
|  Adhunik | Metal / Steel |  ELECTROTHERM™ |
|  ESSAR STEEL |  WELSPUN PIPE AND PLATES |  SANDVIK |
| IRAQ | BANGLA- DESH | OMAN |
| DUBAI | Export | SOUTH AFRICA |
| UAE | SRILANKA | VIETNAM |

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| INDUSTRY SERVED | | |
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|  | OEM |  |
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MEET THE CEO'S DESK

I am very pleased to have this opportunity to introduce our company to you. AAVAD Instrument is a company which manufactures & supply measuring instruments. Since incorporation, we have been a part in the history of this industry and enhancement of instrument. We are concentrating on developing & upgrading Aavad's products for customer satisfaction and maintain quality system based on industry standard. We have established our labs for certification and calibration centre for measuring instruments starting from Temperature and pressure measuring instruments.

I am thankful to all my customers for providing us the continuous support and opportunity to serve them to meet up our organization goal and we will do our best to provide higher quality of services. We will endeavour with our best efforts to grow continuously to become industry leader which provides true value and satisfaction to our customer.

MR.
AJAY GADHVI.

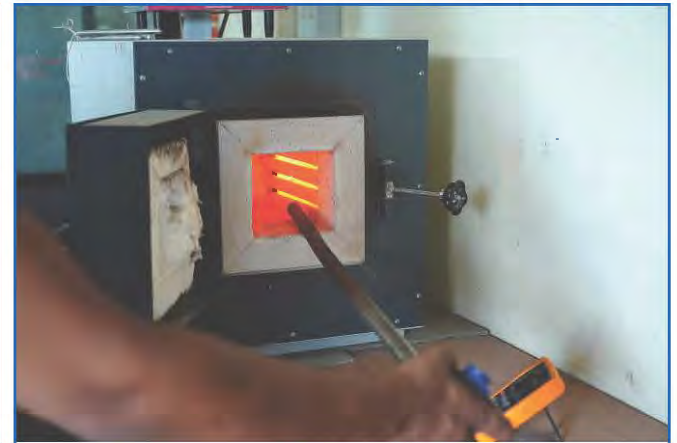


| | | Temperature Tables for TC Sensors | | | | | | Output in mV. Referenced to 0 °C. | | | | |
|---------|---------|-----------------------------------|--------|--------|--------|--------|--------|-----------------------------------|--------|--------|--------|------|
| TC Type | Temp.°C | 0 | 100 | 200 | 300 | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 |
| J | 0.0 | 5.269 | 10.779 | 16.327 | 21.848 | 33.102 | 45.494 | | | | | |
| K | 0.0 | 4.096 | 8.138 | 12.209 | 16.397 | 24.905 | 33.275 | 41.276 | 48.838 | | | |
| N | 0.0 | 2.774 | 5.913 | 9.341 | 12.974 | 20.613 | 28.455 | 36.256 | 43.846 | | | |
| T | 0.0 | 4.279 | 9.288 | 14.862 | 20.872 | | | | | | | |
| E | 0.0 | 6.319 | 13.421 | 21.036 | 28.946 | 45.093 | 61.017 | 76.373 | | | | |
| R | 0.0 | 0.647 | 1.469 | 2.401 | 3.408 | 5.583 | 7.95 | 10.506 | 13.228 | 16.04 | 18.849 | |
| S | 0.0 | 0.646 | 1.441 | 2.323 | 3.259 | 5.239 | 7.345 | 9.587 | 11.951 | 14.373 | 16.777 | |
| B | 0.0 | 0.033 | 0.178 | 0.431 | 0.787 | 1.792 | 3.154 | 4.834 | 6.786 | 8.956 | 11.263 | |

| | | Temperature Tables for RTD Sensors | | | | | | | According to IEC 751. ITS 90. Output in ohm. | | | |
|----------|---------|------------------------------------|--------|------|--------|--------|--------|--------|--|---------|---------|---------|
| RTD Type | Temp.°C | -100 | -50 | 0 | 50 | 100 | 150 | 200 | 300 | 400 | 500 | 600 |
| | PT-100 | 60.26 | 80.31 | 100 | 119.4 | 138.51 | 157.33 | 175.86 | 212.05 | 247.09 | 280.98 | 313.71 |
| | PT-200 | 120.52 | 160.62 | 200 | 238.8 | 277.02 | 24.905 | 351.72 | 424.1 | 494.18 | 561.96 | 627.42 |
| | PT-500 | 301.28 | 401.53 | 500 | 596.99 | 692.53 | 786.63 | 879.28 | 1060.26 | 1235.46 | 1404.89 | 1568.54 |
| | PT-1000 | 602.6 | 803.1 | 1000 | 1194 | 1385.1 | 1573.3 | 1758.6 | 2120.5 | 2470.9 | 2809.8 | 3137.1 |
| | PT-2000 | 1205.2 | 1606.2 | 2000 | 2388 | 2770.2 | 3146.6 | 3517.2 | 4241 | 4941.8 | 5619.6 | 6274.2 |
| | CU-53 | | | | 64.29 | 75.5 | 86.37 | | | | | |
| | NI-100 | | 74.24 | 100 | 129.14 | 161.73 | 198.69 | | | | | |
| | | | | | | | | | | | | |



IN HOUSE
PRODUCTION
& CALIBRATION

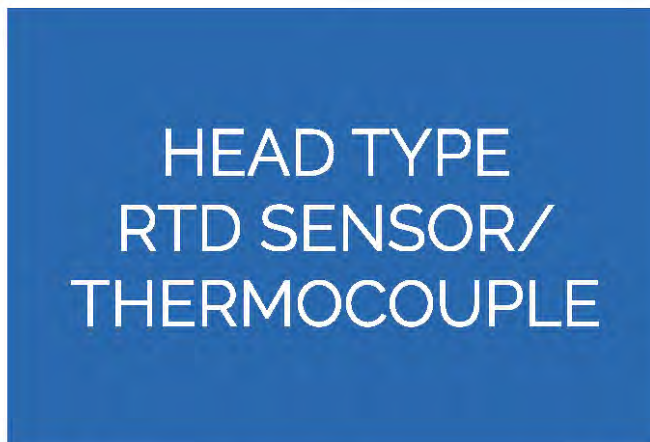




Industrial sensor



MI Sensor



Specially Coated Sensor



Metal Protected Sensor



Weather / Flameproof Sensor

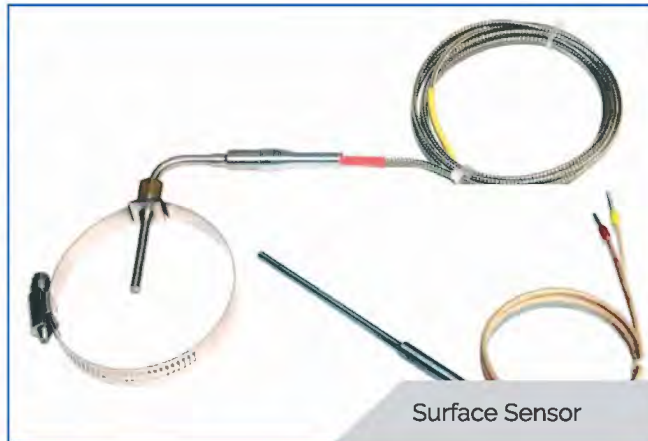


Ceramic Terminal Block

| | Technical Description | A | B | C | D | E | F | G | H | I |
|----|-------------------------|--|----------------------------------|---|---|--|--|---|--|------------|
| 1 | | PT-100 | PT-200 | PT-500 | PT-1000 | PT-2000 | CU-53 | NI-100 | | |
| 2 | Sensor Type | J (Ir/Constantan) (0 to 600°C) | K (Cr/ Al) (0 to 1200°C) | N (Nicrosil / Nisil) (0 to 1200°C) | R (Pt-Pt/ Rh13 %) (0 to 1600°C) | S (Pt-Pt/ Rh10%) (0 to 1600°C) | B (Pt-30% Rh/Pt-6%) (0 to 1800°C) | T (Copper / Constantan) (0 to 350°C) | E (Ni-Cr / Constantan) (0 to 870°C) | Customised |
| 3 | Accuracy | Class A | Class B | Customised | | | | | | |
| 4 | Junction | Grounded | Ungrounded | Exposed | Customised | | | | | |
| 5 | Sheath MOC | SS 304 | SS 316 | SS 316L | SS 310 | Teflon Coated | Tantalum | Inconel 600 | Inconel 800 | |
| 6 | | Hastelloy C | Incoloy 800 | Mineral Insulated | Hrs 446 | Ker-610 | Ker-710 | Silicon Carbide | Silicon Nitride | Customised |
| 7 | Sheath Construction | Straight | MI (Flexible) | Bar Stock | Customised | | | | | |
| 8 | Configuration | Simplex | Duplex | Triplex | Any Special Multipoint | | | | | |
| 9 | No. Of Wire In Simplex | 2-Wire | 3-Wire | 4-Wire | | | | | | |
| 10 | Protection Head | Weather Proof (IP-65) | Flame Proof (IP-67) | Miniature | Stainless Steel | Neoprene | Hinge Type | Plastic | Customised | |
| 11 | Cable Entry | Single | Double | Customised | | | | | | |
| 12 | Ceramic Terminal Block | Straight | Spring Loaded | Customised | | | | | | |
| 13 | Process Connection | Not Applicable | Adjustable compression Fitting | Fix Fitting | Flange | Triclover | Nipple-Union-Nipple | Nipple-Union | Nipple | Weld Pad |
| 14 | Fitting Size | 1/2" | 1/4" | 3/4" | 3/8" | 1/8" | 1" | 1.5" | 2" | Customised |
| 15 | Connection Type | BSP | NPT | Customised | | | | | | |
| 16 | Calibration Certificate | NABL Traceable | NABL Accredited | | | LENGTH : | | | OD : | |



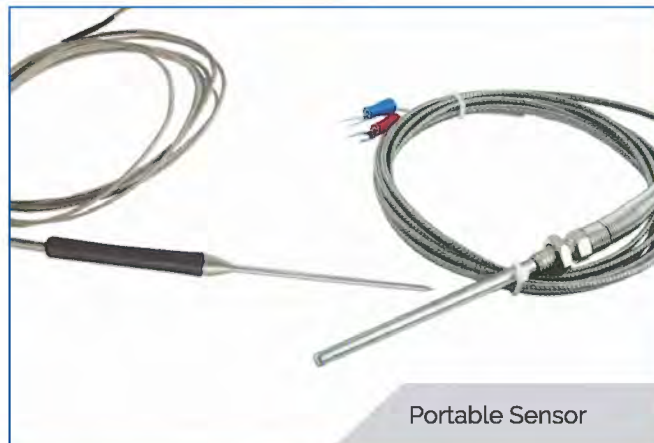
Bayonet Type



Surface Sensor



Teflon Sensor



Portable Sensor

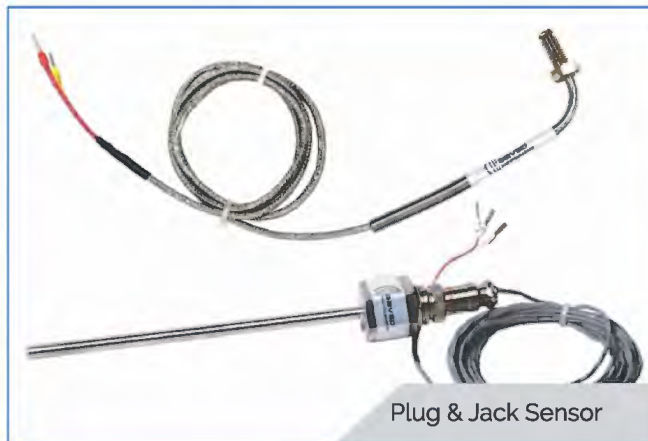
WIRE TYPE RTD SENSOR/ THERMOCOUPLE



Quick Response Thermocouple (QRT)



Weld Pad Sensor



Plug & Jack Sensor



MI Sensor

| | Technical Description | A | B | C | D | E | F | G | H | I |
|----|----------------------------|--|--------------------------------------|---|---|---|--|--|---|----------------|
| | | PT-100 | PT-200 | PT-500 | PT-1000 | PT-2000 | CU-53 | NI-100 | | |
| 1 | Sensor Type | J (Ir/Constantan) (0 to 600°C) | K (Cr/ Al) (0 to 1200°C) | N (Nicrosil / Nisil) (0 to 1200°C) | R (Pt-Pt/ Rh13 %) (0 to 1600°C) | S (Pt-Pt/ Rh10%) (0 to 1600°C) | B (Pt-30% Rh/Pt-6%) (0 to 1800°C) | T (Cu/ Constantan) (0 to 350°C) | E (Ni-Cr / Constantan) (0 to 870 °C) | Customi sed |
| 2 | Shape | L-Shape | Square | Washer Type | Leaf Type | Flexible Extension | Wire Type | Fixed Bayonet | Customised | |
| 3 | Accuracy | Class A | Class B | Customised | | | | | | |
| 4 | Junction | Grounded | Ungrounded | Exposed | Customised | | | | | |
| 5 | Sheath MOC | SS 304 | SS 316 | SS 316L | SS 310 | Teflon Coated | Tantalum | Inconel 600 | Inconel 800 | |
| 6 | | Hastelloys C | Incoloy 800 | Mineral Insulated | Hrs 446 | Ker-610 | Ker-710 | Silicon Carbide | Silicon Nitride | Customi sed |
| 7 | Sheath Construction | Straight | MI (Flexible) | Bar stock | Customised | | | | | |
| 8 | Type Of Wire | Teflon/Teflon | Teflon/Teflon /Stainless Steel | Fiberglass/ Fiberglass | Fiberglass/ Fiberglass/ Stainless Steel | Polyvinyl Chloride/ Polyvinyl Chloride | Silicon Rubber | Teflon/ Stainless Steel/ Teflon | Customised | |
| 9 | Configuration | Simplex | Duplex | Triplex | Customised Multipoint | | | | | |
| 10 | No. Of Wire In Simplex | 2-Wire | 3-Wire | 4-Wire | | | | | | |
| 11 | Process Connection | Not Applicable | Fix Fitting | Flange | Triclover | Adjustable Compression Fitting | Weld pad | Customised | | |
| 12 | Fitting Size | 1/2" | 1/4" | 3/4" | 3/8" | 1/8" | 1" | 1.5" | 2" | Cust. |
| 13 | Connection Type | BSP | NPT | Customised | | | | | | |
| 14 | Calibration Certificate | NABL Traceable | NABL Accredited | Customised | | LENGTH : | | OD : | | |



Thimble Thermocouple

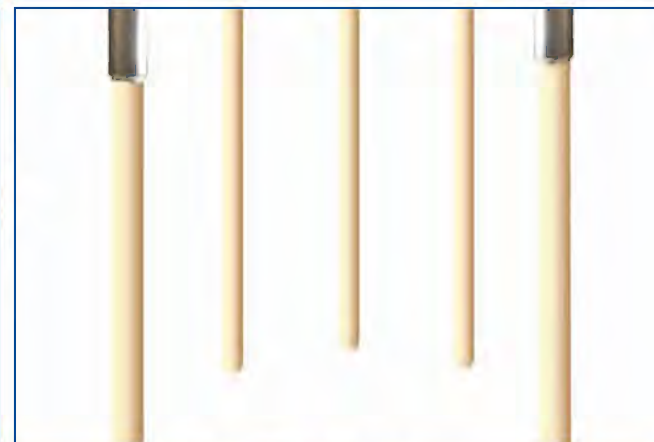


KER - 610 Thermocouple



Platinum Thermocouple

CERAMIC TUBE
HIGH TEMPERATURE
THERMOCOUPLE/
SENSOR



K-Type Thermocouple



KER - 710 Thermocouple

| Technical Description | | A | B | C | D | E | F | G |
|-----------------------|-------------------------|--------------------------------------|--|---|--|---|-----------------------|------------|
| 1 | Sensor Type | K (Cr/ Al) (0 to 1200°C) | N (Nicrosil / Nisil) (0 to 1200°C) | R (Pt-Pt/ Rh13 %) (0 to 1600°C) | S (Pt-Pt/ Rh10%) (0 to 1600°C) | B (Pt-30% Rh/Pt-6%) (0 to 1800°C) | | |
| 2 | Sheath MOC | Ker -610 | Ker-710 (c-799) | Silicon Carbide | Silicon Nitride | Customised | | |
| 3 | No Of Protection | Single | Double | Triple | Customised | | | |
| 4 | Configuration | Simplex | Duplex | Triplex | Customised Multipoint | | | |
| 5 | Protection Head | Weatherproof (IP-65) | Flameproof (IP-67) | Miniature | SS | Hinge Type | Direct Connector | Customised |
| 6 | Ceramic Terminal Block | Straight | Spring Loaded | Customised | | | | |
| 7 | Process Connection | Adjustable Compression Fitting | Fix Fitting | Fix Flange | Adjustable Flange | Customised | | |
| 8 | Fitting Size | 1/2" | 1/4" | 3/4" | 3/8" | 1/8" | HOLDING TUBE OD : | |
| | | 1" | 1.5" | 2" | Customised | | HOLDING TUBE LENGTH : | |
| 9 | Connection Type | BSP | NPT | Customised | | | CERAMIC TUBE OD : | |
| 10 | Sheath OD(MM) | 8x5mm | 12 x 8mm | 15 x 10mm | 20 x 14mm | 24 x 18mm | CERAMIC TUBE LENGTH : | |
| 11 | Calibration Certificate | NABL Traceable | NABL Accredited | Customised | | | TOTAL LENGTH : | |



SS Thermowell



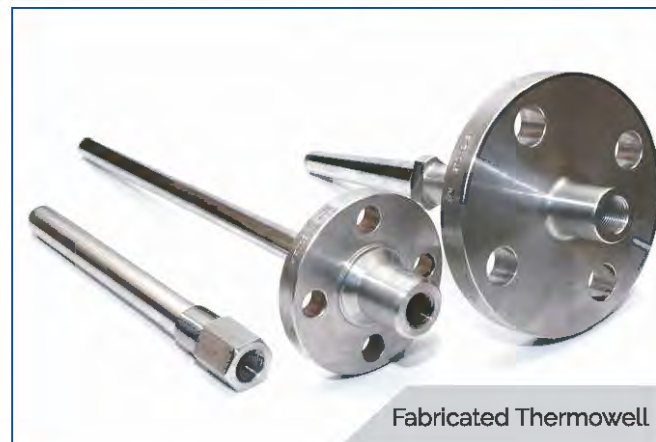
Welded Thermowell



PTFE Coated



Barstock Thermowell



Fabricated Thermowell



Tapper Thermowell



Brass Thermowell



Customised Thermowell

| | Technical Description | A | B | C | D | E | F | G | H | I |
|----|--|----------------------|-----------------------|-----------------------|-----------------------|------------------------|---------------|---------------|------------|------------|
| 1 | Type | Bar Stock | Welded | Fabricated | Drilled | Tapper | Teflon Coated | Customised | | |
| 2 | Design | Flange | Screw | | | | | | | |
| 3 | Thermowell Dia | OD (B) | OD (S) | ID | Length | Customised | | | | |
| 4 | Material of Construction | SS 304 | SS 316 | SS 316L | SS 310 | Hastelloy C | Inconel 600 | Teflon Coated | KER-610 | KER-710 |
| 5 | | Silicon Carbide | Silicon Nitride | Teflon Coated | Casting | Brass | Customised | | | |
| 6 | Temperature Range | 400°C | 700°C | 900°C | 1100°C | 1200°C | 1400°C | 1600°C | Customised | |
| 7 | Pressure | 5 Kg/cm ² | 10 Kg/cm ² | 25 Kg/cm ² | 40 Kg/cm ² | 100 Kg/cm ² | | | | |
| 8 | Process Connection | Male | Female | Male + Female | Customised | | | | | |
| 9 | Process Connection (outer thread) | 1/2" | 1/4" | 3/4" | 3/8" | 1/8" | 1" | 1.5" | 2" | Customised |
| 10 | Instrument Connection (inner thread) | 1/2" | 1/4" | 3/4" | 3/8" | 1/8" | 1" | 1.5" | 2" | Customised |
| 11 | Connection size | BSP | NPT | Flange | Customised | | | | | |
| 12 | Flange Rating | RF 150# | RF 300# | RF 400# | RF 600# | Customised | | | | |
| 13 | Certificate | Hydro Test | MOC | | | | | | | |



Mineral Insulated Cable



Heater



Fittings



Repairing of Thermocouple

TEMPERATURE INSTRUMENT & ACCESSORIES



Thermostat



SS Pipe



Head & Terminal



Pyrometer



Platinum Wire & Crucible



Calibrator

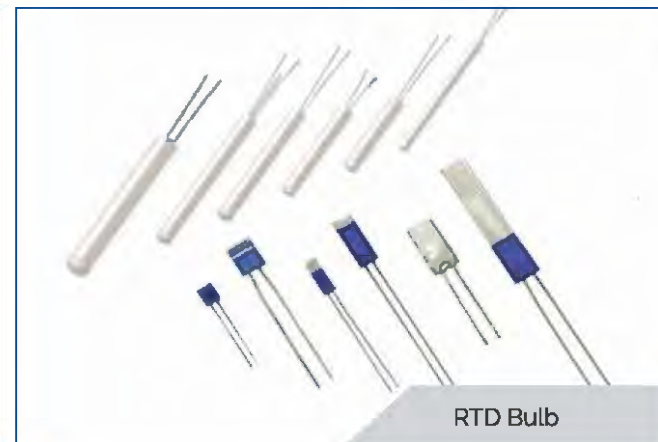


Signal Isolator



Kanthal Wire (Thermocouple)

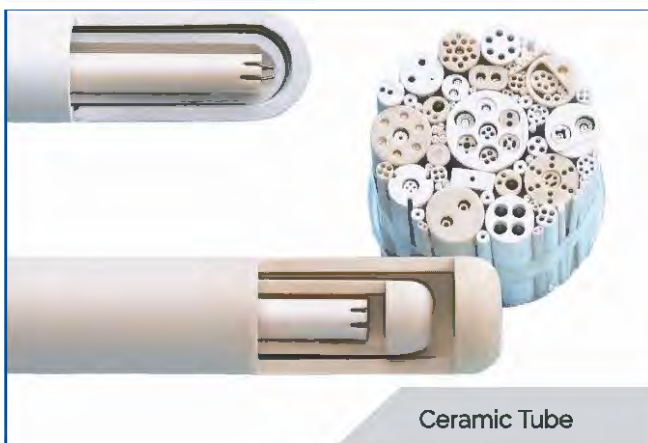
TEMPERATURE INSTRUMENT & ACCESSORIES



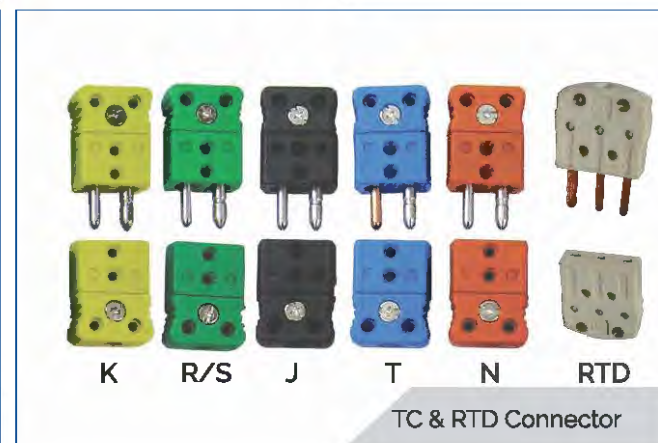
RTD Bulb



Temperature Transmitter



Ceramic Tube



TC & RTD Connector



J Type FG / FG / SS



RTD TF / TF 3 Core



J Type PVC / PVC



K Type TF/ TF

RTD AND THERMOCOUPLE CABLE



K Type PVC / PVC



R/S Type PVC / PVC



K Type FG / FG / SS



RTD TF / TF 6 Core

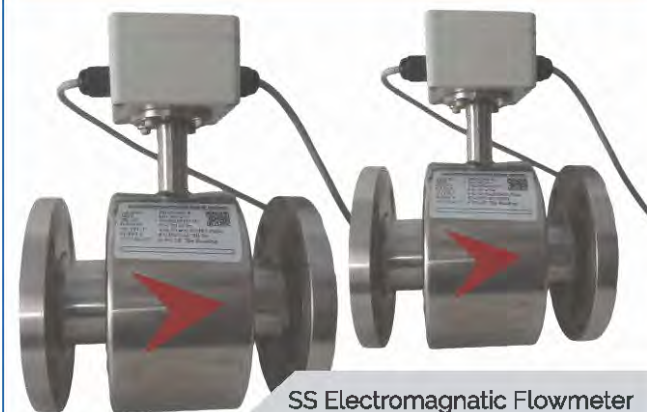
| | Technical Description | A | B | C | D | E | F | G | H |
|----|------------------------|--|--|--------------------------------------|---|----------------------------|---------------------------------|-----------------------------------|---|
| 1 | Calibration Type | RTD | J | K | R | S | B | T | N |
| 2 | Grade | Extension | Compensating | | | | | | |
| 3 | RTD Conductor Type | NI Plated Cu (NPC) | Ag Plated Cu (SPC) | Bare Cu(BC) | | | | | |
| 4 | Insulation | Fiber glass/ Fiber glass | PTFE/ Fiber glass/ss | PTFE/PTFE | Fiber glass/ Fiber glass/SS | PTFE/ Kapton | FEP/Kapton | FEP/ Silicon Rubber | PTFE/PTFE/SS |
| 5 | | PVC/PVC | PVC/PVC/ Asbestos | PVC/Shielded /PVC | PVC/Shielded /PVC/ Armoured/ PVC | PTFE/ Silicon Rubber | PTFE/PTFE/SS/ Silicon Rubber | Silicon Rubber/ Silicon Rubber | Neoprene Rubber /Neoprene Rubber |
| 6 | | PVC/PVC/ Armoured/Neo prene rubber | Fiber glass/fiber glass/Asbestos | Fiber glass/Asbesto s/Asbestos | PVC twisted | PTFE twisted | FEP twisted | FEP/PEP | FEP/FEP |
| 7 | Conductor's size (SWG) | 1/16,1/18,1/20,1/21,1/22,1/24,1/30,1/36, | 3/20,3/22,3/24,3/26,3/30, | 7/28,7/30,7/36, | 14/36,40/36,48/36 | 0.25 sq.mm | 1.00 sq.mm | 1.50 sq.mm | Customised |
| 8 | No.of Core | 2 | 3 | 4 | 6 | 8 | Customised | | |
| 9 | Color Code | IEC | ANSI | BS | DIN | JIS | NFC | | |
| 10 | Cable Construction | Flat | Round | Oval | Twisted | | | | |



Integral Display Flowmeter



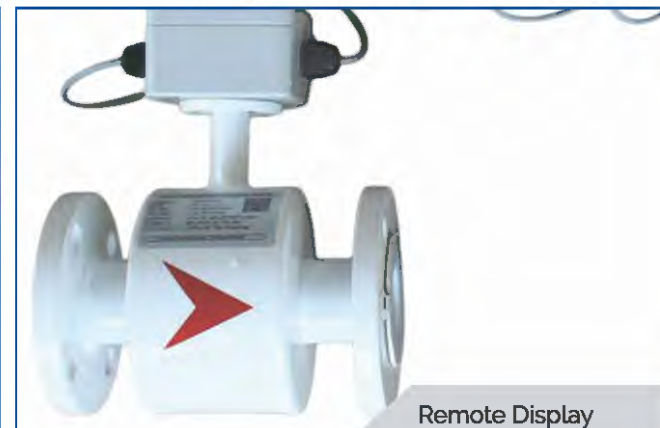
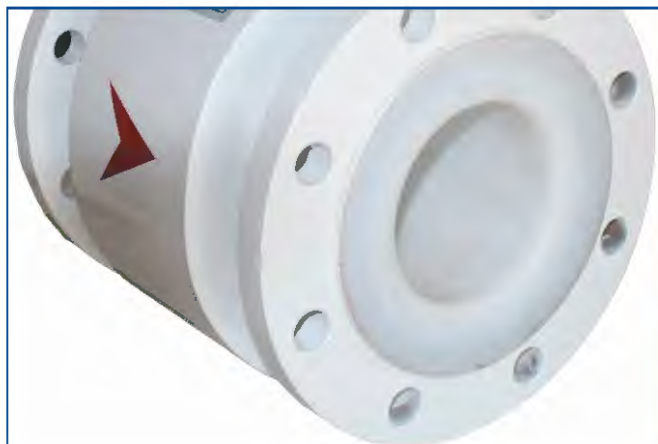
Electromagnetic Flowmeter



SS Electromagnetic Flowmeter



ELECTROMAGNETIC FLOWMETER



Remote Display

| | Technical Description | A | B | C | D | E | F | G |
|----|-----------------------|---------------------------|-----------------------------|------------|------------|----------|------------|------------|
| 1 | Media | Water | RO Water | Acid | Caustic | ETP | WTP Water | Customised |
| 2 | Model | AMAG-I | AMAG-R | | | | | |
| 3 | Conductivity | >10 μ S/cm | Any other Conductive Liquid | | - | - | - | - |
| 4 | Line Size (NB) | 15mm | 19mm | 25mm | 40mm | 50mm | 65mm | 80mm |
| 5 | | 100mm | 125mm | 150mm | 200mm | 250mm | 300mm | 500mm |
| 6 | Display | LED | LCD | Customised | | | | |
| 7 | Version | Integral | Remote | Customised | | | | |
| 8 | Liner | Soft & Hard Rubber | PTFE | PFA | Customised | | | |
| 9 | Flange MOC | CS | MS | SS 304 | SS 316 | SS 316 L | Customised | |
| 10 | Electrode MOC | SS 316 | Hastelloys C | SS 316 L | Customised | | | |
| 11 | Coil Housing | MS | SS 304 | SS 316 | Customised | | | |
| 12 | Mounting | Horizontal | Vertical | Customised | | | | |
| 13 | Velocity | 0.3 m/s to 10 m/s | | | | | | |
| 14 | Transmitter Encloser | Aluminum die cast (IP-65) | Flameproof (IP-67) | Customised | | | | |
| 15 | Power Supply | 230V AC | 24V DC | Customised | | | | |
| 16 | Output | 4-20mA | Relay | Pulse | Rs 485 | Rs 232 | Customised | |
| 17 | Flange Rating | ASA 150# | Customised | | | | | |



Industrial / Back Panel Mounted



Sealed Diaphragm / master



Schaffer

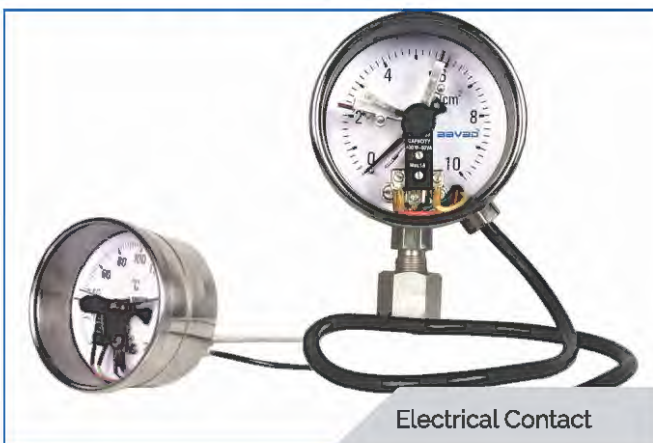


Surface Mounted

PRESSURE GAUGE



Commercial



Electrical Contact



Digital



Magnehelic

| | Technical Description | A | B | C | D | E | F | G | H | I |
|----|----------------------------------|---------------------------|---------------------------|-------------------------|---------------------------------|--|-----------------------------|-------------------------|---|---|
| 1 | Pressure Range | Pressure Gauge | Compound Gauge | Vacuum Gauge | | | | | | |
| 2 | Type | Commercial Pressure Gauge | Industrial Pressure Gauge | Digital Pressure Gauge | Glycerine Filled Pressure Gauge | Electrical Contact Type Pressure Gauge | Vacuum Gauge | Sanitary Pressure gauge | | |
| 3 | | Magnehelic Pressure Gauge | Capsule Pressure Gauge | schaffer Pressure Gauge | Sealed Diaphragm Pressure Gauge | Master Pressure Gauge | Differential Pressure Gauge | Customised | | |
| 4 | Mounting | Direct Bottom | Bottom Surface | Back Panel | Back Bracket | Direct Back | Customised | | | |
| 5 | Dial Size | 40mm | 50mm | 63mm | 100mm | 150mm | 250mm | 300mm | | |
| 6 | Process Connection Type | BSP | NPT | FLANGE | ANY SPECIAL | | | | | |
| 7 | Process Connection Size | 1/8" | 1/4" | 3/8" | 1/2" | 1" | 2" | Customised | | |
| 8 | MOC | MS | SS 304 | SS 316 | Customised | | | | | |
| 9 | Protection | IP-65 | IP-55 | Customised | | | | | | |
| 10 | Calibration Certificate Provided | NABL Traceable | NABL Accredited | Customised | | | | | | |
| | | | | | | | Measuring Range : | | | |
| | | | | | | | Unit : | | | |
| | | | | | | | Glycerine Filled: | | | |



Gas Filled



Bi - Metal Back Mounted



Liquid Filled



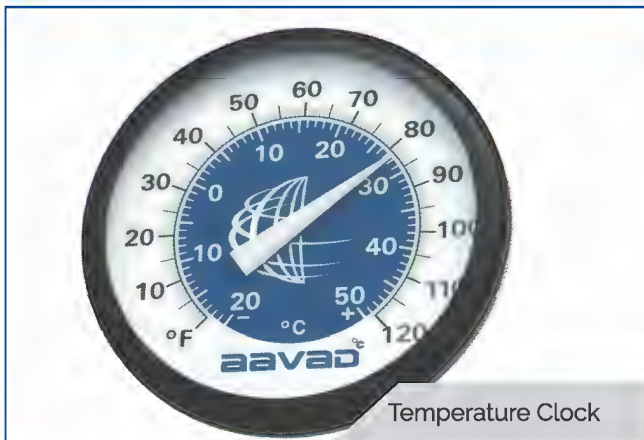
Every Angle Temp. Gauge



Mercury Filled



Bi - Metal Temp. Gauge

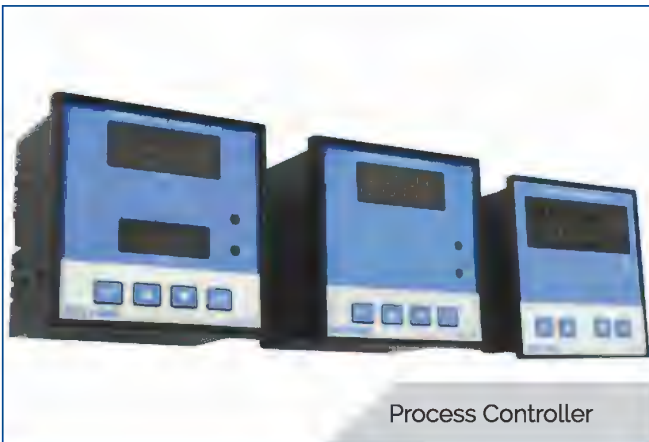


Temperature Clock



Digital

| | Technical Description | A | B | C | D | E | F | G | H | I |
|----|----------------------------------|----------------|-----------------|-------------|------------------|---------------------------|------------|------------|------------|------------|
| 1 | Temperature Range | -40 to 50°C | 0 to 50°C | 0 to 100°C | 0 to 200°C | 0 to 300°C | 0 to 400°C | 0 to 500°C | 0 to 600°C | Customised |
| 2 | Type | Bi-metal | Mercury Filled | Gas Filled | Electric Contact | Digital Temperature Gauge | Customised | | | |
| 3 | Mounting | Direct Bottom | Back Direct | Every Angle | Customised | | | | | |
| 4 | Dial Size | 63mm | 100mm | 150mm | 250mm | Customised | | | | |
| 5 | Stem MOC | SS 304 | SS 316 | SS 316 L | With Thermowell | Customised | | | | |
| 6 | Stem Length | 150mm | 300mm | Customised | | | | | | |
| 7 | Stem OD | 6mm | 8mm | 10mm | Customised | | | | | |
| 8 | Process connection Type | BSP | NPT | Flange | Customised | | | | | |
| 9 | Process Connection Size | 1/8" | 1/4" | 3/8" | 1/2" | 1" | 2" | Customised | | |
| 10 | MOC | SS 304 | SS 316 | Customised | | | | | | |
| 11 | Protection | IP-65 | IP-55 | | | | | | | |
| 12 | Calibration Certificate Provided | NABL Traceable | NABL Accredited | Customised | | | | | | |



| | Technical Description | A | B | C | D | E | F | G | H | I |
|----|-----------------------|-----------------|------------|------------------|-----------------------|------------|-------------------------|----------------------------|--------|--------|
| 2 | Type | Indicator | Controller | PID | Scanner | Datalogger | Jumbo display indicator | Loop power indicator | | |
| 3 | Dimension | 96X96 | 72x72 | 48X48 | 48X96 | 96X48 | 96X192 | Customised | | |
| 4 | No of Channel | 1 | 2 | 4 | 8 | 16 | | | | |
| 5 | Display | Single | Double | Customised | | | | | | |
| 6 | Protection | Weatherproof | Flameproof | Customised | | | | | | |
| 7 | Supply Voltage | 230V AC / 50 Hz | 24V DC | Battery Operated | Customised | | | | | |
| 11 | Input | J | K | R | S | B | N | Universal | | |
| 12 | | RTD | RTD.1 | 4-20mA | 0-20mA | 0-5V DC | Customised | | | |
| 17 | Water/Dust Proof | IP-54 | IP-65 | IP-67 | Customised | | | | | |
| 13 | Output 1 | Alarm | Relay | SSR | 4-20mA Control Output | 0-10V DC | 4-20mA Retransmission | 24 V DC Transmitter Supply | RS 232 | RS 485 |
| 13 | Output 2 | Alarm | Relay | SSR | 4-20mA Control Output | 0-10V DC | 4-20mA Retransmission | 24 V DC Transmitter Supply | RS 232 | RS 485 |
| 13 | Output 3 | Alarm | Relay | SSR | 4-20mA Control Output | 0-10V DC | 4-20mA Retransmission | 24 V DC Transmitter Supply | RS 232 | RS 485 |
| 13 | Output 4 | Alarm | Relay | SSR | 4-20mA Control Output | 0-10V DC | 4-20mA Retransmission | 24 V DC Transmitter Supply | RS 232 | RS 485 |

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