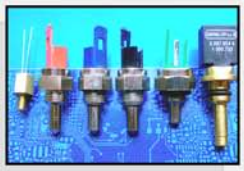
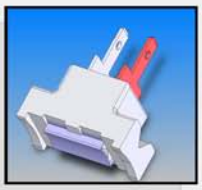
Boiler Immersion,Contact,Smoke Sensor Probes

IMMERSION
SURFACE CONTACT
Smoke Sensor Probes
High Precision NTC :
Chip , Chip and leads,
Thick Film High Speed
-20 C° up to 160 C°



IP67 Bimetal Thermostat
High Precision +/- 3 C°
Low Differential 10 C°
10A 250V 100.000 Cycles tested
Wired or Faston Terminal
Hot-Melt Nylon Based
-20 C° up to 120 C°

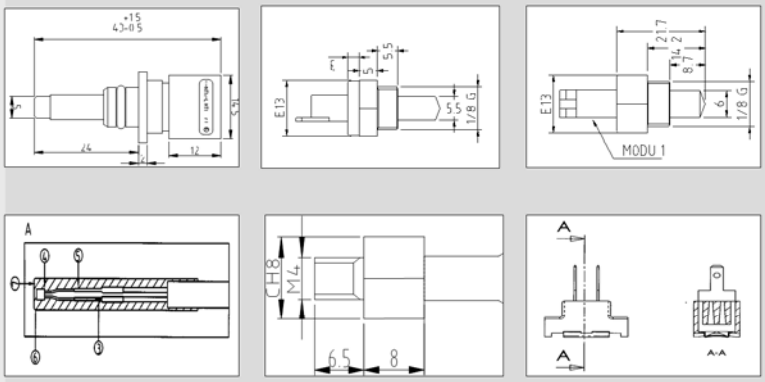


Moisture Resistance Thermostats
Plastic Rubber Faston Connection
Straight or 90° Pipe shape
Surface Flange Mounting
10A 250V 100.000 Cycles
-20 C° up to 150 C°

Immersion:These type of probes are made with Special CW602N Brass , Nickel Plated 2µm. Tyco™ ,Lumberg™ and P.C.B. Edge connectors are available.
Surface Contact Probes are special application to detect temperature around Copper Tube Thick Film Thermistor reduce response time that is tipically < 2 seconds (63%)
Smoke Sensor have Brass , Stainless Steel, Plastic caps depending from max temperature risen. For Higher Temperature Silicon Cable and Glass NTC provided to resist up to 160C°

IP67 Bimetal Thermostats are Co-Moulded withSpecial Hot-Melt Nylon Based .This property process allow us to make many custom shape according to Customer and Application requirements.
Typical Application in out-door Boiler installation and in Vapour Cleaner

Immersion Probes



Features:

- Special Brass Pipe CW602N
- High Glass Transaction Epoxi Resin Filled
- 2 µm Nickel Plated
- WRAS Guaranteed O'ring Gasket
- 1/8G - 10MA - 4MA - Clip Mounting System
- Very Low Temperature Rise-Fall Setting Time
- Ø 18 - Ø 24 Tubes Steel Clip Available
- 1250V Dielectric Strength

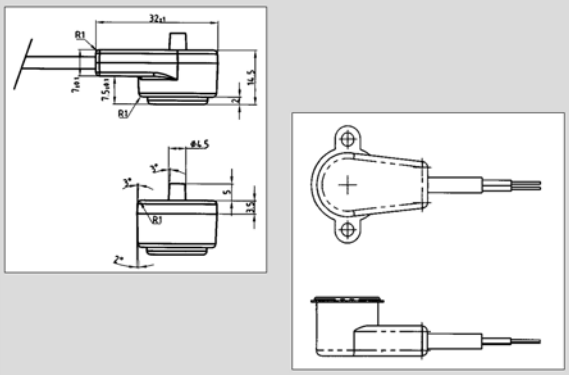
NTC Standard

R_{25}	10K ± 1%	B_{25-85}	3435 ± 1%
R_{25}	10K ± 3%	B_{25-85}	3435 ± 1%
R_{25}	10K ± 1%	B_{25-85}	3977 ± 1%
R_{25}	10K ± 3%	B_{25-85}	3977 ± 1%
R_{25}	5K ± 3%	B_{25-85}	3977 ± 2%
R_{25}	20K ± 3%	B_{25-85}	3460 ± 2%

OTHER VALUES ON REQUEST

PTC Standard
KTY 81 - 11O

IP67 Bimetal Thermostats



Features:

- Co-Moulded Property Solution
- Plastic Rubber Faston connectors
- Surface Temperature Detection
- -20C° up to 150C° Working Temp.
- High Precision Set Point +/- 3C°
- Gold or Silver Contact RoHS compliance
- One Shot manual reset available
- Atmosphere Agent Resistant

Electrical:

- 2000V Dielectric Strength
- 10A 250V Silver Contact
- 1A 30V Gold Contact
- 100.000 Cycles Tested
- 100% Dielectric Tested in Water
- Co-Moulded Custom Wire Assembly PVC or Silicon

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