

DELIVERING EXCELLENCE

## T3 & T30 (Compressor Exit) Thermocouples

### FEATURES

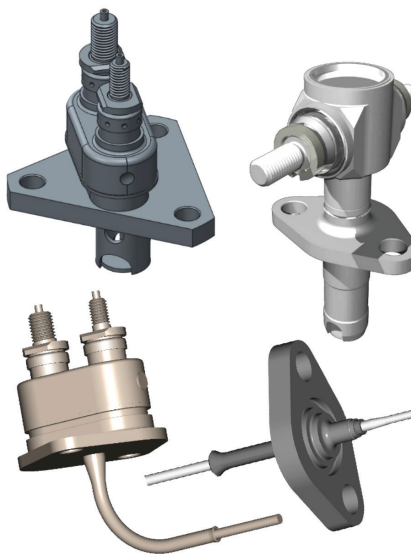
- K Type, Class 1/Special Limits thermocouple
- Multiple connection options
- Corrosion resistant
- Hermetically sealed
- Provides high pressure sealing at the engine interface
- Optimised design to suit engine application
- Wear resistant coating (optional)
- Radiation shielding (optional)
- Robust designs for extreme aerospace environments

### BENEFITS

- Over 90 million flying hours
- High accuracy
- Low drift (stable accuracy)
- Fast response time
- Light weight design
- Robust high torque terminals
- Reliable and long life
- Proven technology with over 20 years of pedigree
- High levels of dielectric and insulation resistance

### APPLICATIONS

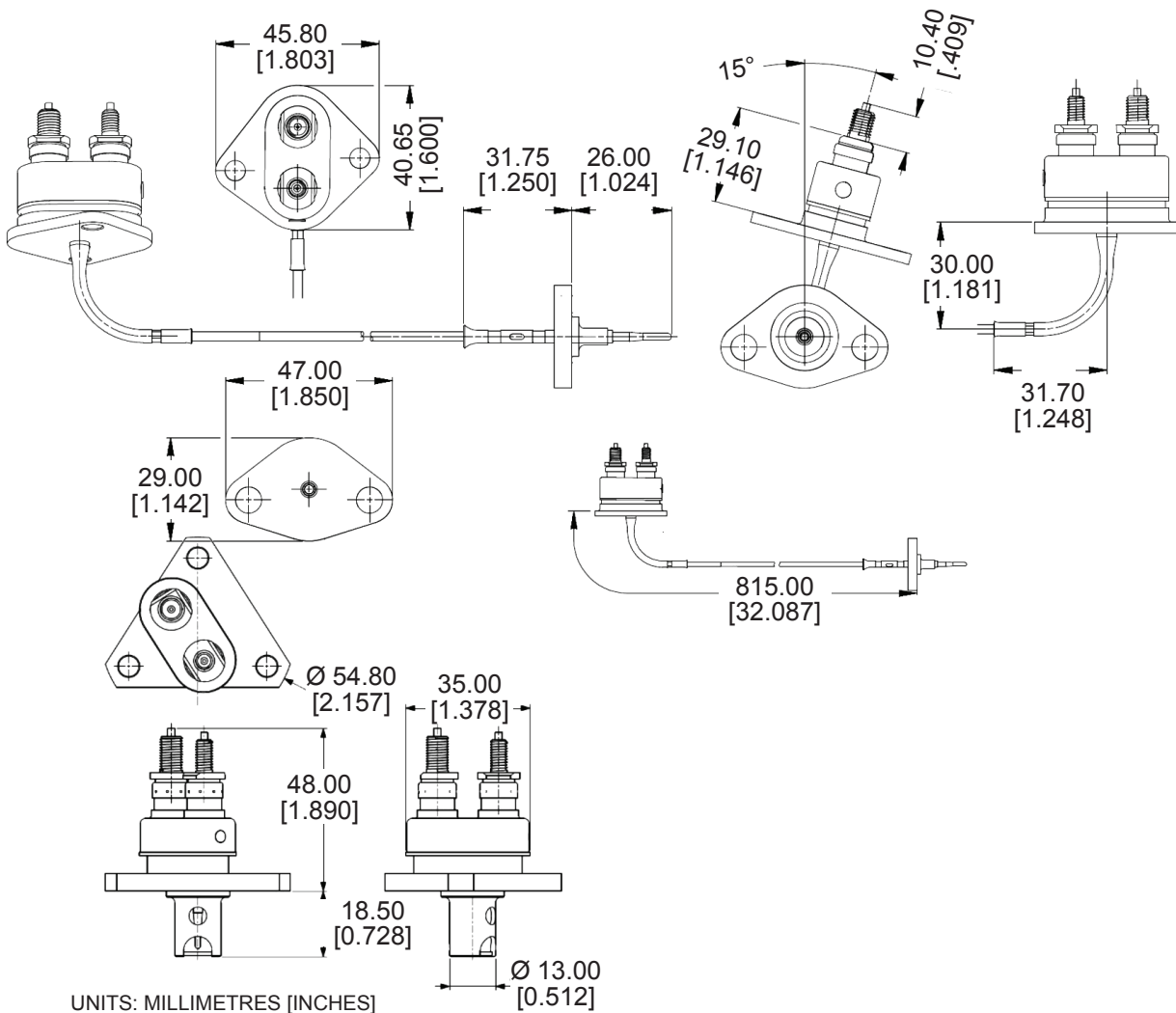
- RR: Trent 500, Trent XWB, Pearl 700, BR700, TP400
- And many others.



- Auxitrol Weston's T30 Thermocouples have been individually designed for and certified on multiple engines

for various customers. These T30's have amassed over 90 million flight hours.

- Design options include Compact or Flying lead designs, Terminal or Connector terminations, bespoke engine mounting fixing points and unique intrusive lengths
- The immersed section is manufactured from high temperature oxidation and corrosion resistant materials. The element (Mineral Insulated Cable) sheath material also has a very well balanced ion match; this achieves exceptional long term stability and maintains accuracy after extensive thermal cycling
- High accuracy is achieved by the use of BS EN 60584-2 Class 1 or ASTM E230M special Limits Type K thermocouple materials for the entire circuit, with optimum response time (time constant) achieved by swaging the element to a small diameter.



Examples shown above are for information, dimensions can be modified to meet unique installations

#### SALES :

- Auxitrol SAS  
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- Norwich Aero Products Inc.  
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- Weston Aerospace Ltd  
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#### AFTER - SALES SUPPORT :

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