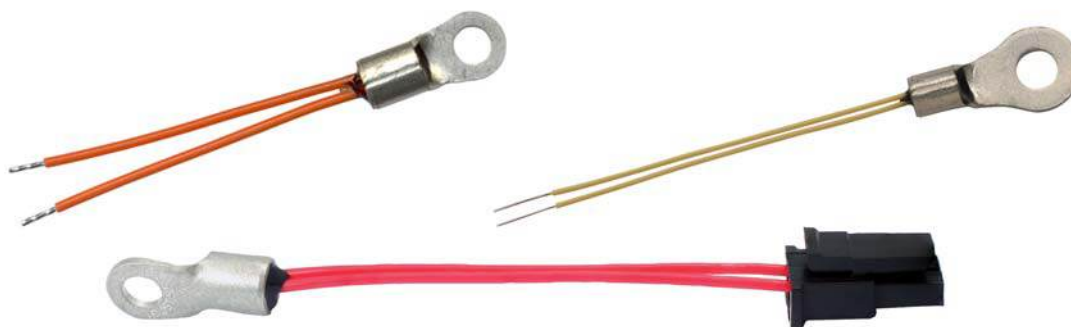


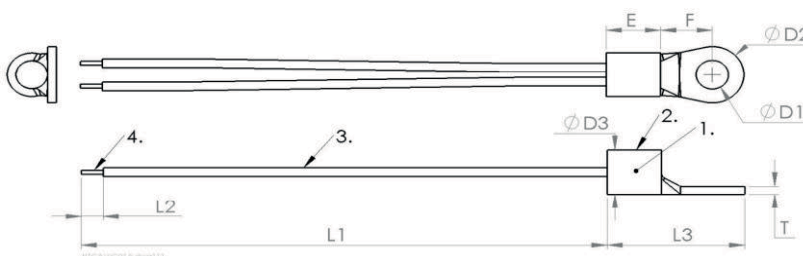
## Custom Capabilities NTC LUG Ring Tongue



### CAPABILITIES

- For different screw sizes, M2 to M8
- For different screw sizes, STUD#1 to #5/16
- Cables cross sections AWG#24 down to AWG#32
- Different cable lengths available
- Various RT tables (electrical curves)
- Standard connectors available
- **AEC-Q200 qualified available**
- **UL certifications available**
- **Minimum breakdown voltages 500 V<sub>AC</sub> up to 3 000 V<sub>AC</sub>**
- Insulated cables or non insulated wires
- Copper or nickel conductors, tin or silver plated
- Specific designs for high temperature operation for example 150 °C long term
- Designs for minimum breakdown voltage and insulation resistance
- 5 kV impulse voltage available (IEC 61800-5-1)
- Material categorization: for definitions of compliance please see [www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)

### MECHANICAL OUTLINE



#### Notes

1. NTC Thermistor
2. Ring tongue, tin plated copper
3. Insulated cables or naked conductors
4. Cable insulation stripping or optional connector

### CHARACTERISTICS

- **High voltage 500 V<sub>AC</sub> to 3000 V<sub>AC</sub>**
- Temperature range -40 °C to +105 °C (PVC)
- Temperature range -55 °C to +150 °C (others)

#### UL certified RT curves:

- $R_{25} = 5K \ B_{25/85} = 3984K \pm 0.5 \ %$
- $R_{25} = 10K \ B_{25/85} = 3435K \pm 1 \ %$
- $R_{25} = 10K \ B_{25/85} = 3984K \pm 0.5 \ %$

### CONTACT INFORMATION

For design assistance and technical questions, please contact: [nlr@vishay.com](mailto:nlr@vishay.com)



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