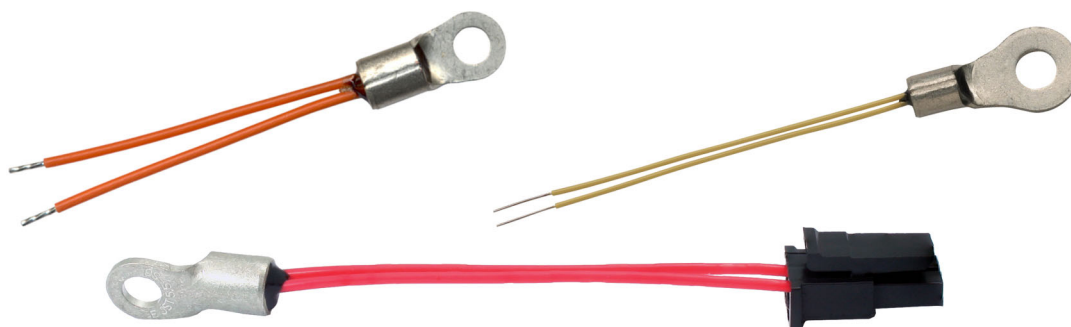


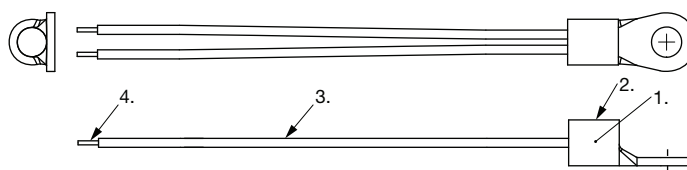
Custom Capabilities NTC LUG Ring Tongue



CAPABILITIES

- For different screw sizes, M2 to M8
- For different screw sizes, STUD#1 to #5/16
- Cables cross sections AWG#22 down to AWG#32
- Different cable lengths available
- Various RT tables (electrical curves)
- Standard connectors available
- **AEC-Q200 qualified available**
- **UL certifications available**
- Modification request form:
<https://info.vishay.com/vishay-ntc-modification-request>
- For standard series please see:
<https://www.vishay.com/search/?searchChoice=part&query=ntcalug>
- **Minimum breakdown voltages 500 V_{AC} up to 3000 V_{AC}**
- 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

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_{AC} to 3000 V_{AC}**
- 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

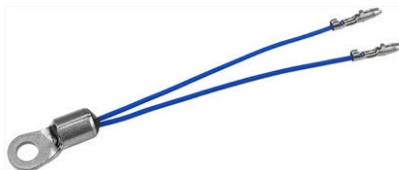
For design assistance and technical questions, please contact: nlr@vishay.com



CUSTOMIZED APPLICATIONS



Heat shrink tube application



Stand alone with terminals application



Custom lug barrel



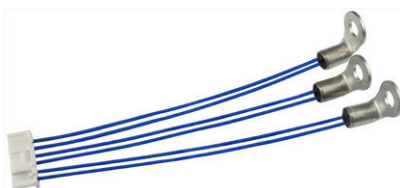
Protection sleeve application



Anti rotation feature application



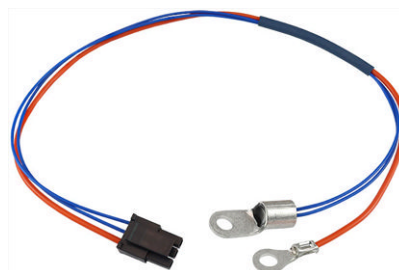
Joint sensing application



Multiple sensors bundling



Customized markings



HOT wire application



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