

HIGH TEMPERATURE -HT-1.79, HT-1.85 AND TBVS



TBVS-HT-375

The HT (High Temperature) style units evolved through custom development with customer partners in the petroleum industry. These unique products are designed for the harshest of environments, they are able to withstand the high pressure, high rpm, and extreme temperature typically associated with downhole tooling applications. These units are able to run in synthetic oil. Each unit is manufactured with an anodized aluminum encasement. Our standard unit is manufactured with 2 foot leads on each end.

The HT-1.79 and HT-1.85 is a 20 ring unit designed to run in synthetic oil. Mounting options can be modified to meet customer specific needs.

Standard Specifications

Operating Current	7.5 amps per ring
Operating Voltage	1,000 VAC
Electrical Noise	5 μ V, P-P, BW=10Hz-10kHZ at 8.5 mA, 500rpm
Leakage Resistance	10,000 M Ω (min)
Temperature Range	-30°F to 392°F
Encasement	Anodized aluminum
Ring Material	Solid coin silver
Brush Springs	Beryllium copper
Brush Contacts	Two 80% silver-20% graphite contacts per ring
Insulation	Peek
Leads	20 AWG TFE covered wire, 3 ft long

Options

Wire leads	Longer leads than 2 ft. standard lengths
Mounting	To customer specifications

Sample Applications Include:

Signal Transfer
Measurement and Sorting Equipment
Stress and Torque Readings
Bottling and Beverage Machines
Downhole Tools



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