



DESIGN ADVANTAGES

The Magnetic Mount Temperature Sensor provides an easy method for measuring transformer top oil, bottom oil or load tap changer tank temperatures.

MMTS devices are designed to be highly accurate and reliable. They provide a variety of sensor outputs and termination options to accommodate standard industry installation and use requirements.

Accuracy is delivered by design with an RTD sensor contact point that is the only thermally conductive part in contact with a transformer or tap changer tank. This feature removes any temperature influences of a tank surface event at extreme temperatures.

MMTS housings are manufactured using a high temperature, UV stable material. High temperature rated magnets are fully enclosed within the housing. No thermal losses occur near the measurement point yet the combined rated magnetic force of over 34 kg / 75 lbs ensures no sensor movement, leading to consistent measurement at the desired tank location.

APPLICATIONS

- Tap Changer Tank
- Power Transformers

BENEFITS

- MMTS devices are designed for the highest accuracy using an RTD sensor contact point.
- The MMTS devices are versatile and available with either a PT-100 RTD or a 4-20mA output signal.
- MMTS devices are easy to install. Magnets facilitate immediate and reliable installation without the need for adhesive materials.
- MMTS devices are durable and built to last.

RESPONSIVE

ASSET HEALTH SOLUTIONS



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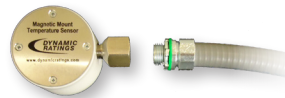
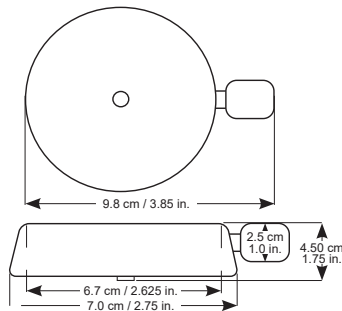
Product Specifications

Temperature Sensing Range:	-50° to 150°C / -58°F to 302°F
Max Continuous Operating Temp:	150°C / 302°F
Sensor Element Accuracy:	Class A = 0.06%
4-20mA Scaled Output Range:	-50°C / -58°F = 4mA 150°C / 302°F = 20mA

Order online at <https://dynamic-ratings.myshopify.com/> (US & Canada) or contact your local sales office to request a quote

How To Order

Part #	Sensor Output	Wire Termination Method
MMTS-3C	3 Wire PT-100 RTD	Includes a 1/2" NPT conduit connection
MMTS-3W25	3 Wire PT-100 RTD	Stainless steel armored cable with 22AWG flying leads connection (7.5 m / 25 ft)
MMTS-3W50	3 Wire PT-100 RTD	Stainless steel armored cable with 22AWG flying leads connection (15 m / 50 ft)
MMTS-3W75	3 Wire PT-100 RTD	Stainless steel armored cable with 22AWG flying leads connection (22 m / 75ft)
MMTS-4C	4-20mA output	Includes a 1/2" NPT conduit connection
MMTS-4W25	4-20mA output	Stainless steel armored cable with 22AWG flying leads connection (7.5 m / 25 ft)
MMTS-4W50	4-20mA output	Stainless steel armored cable with 22AWG flying leads connection (15 m / 50 ft)
MMTS-4W75	4-20mA output	Stainless steel armored cable with 22AWG flying leads connection (22 m / 75 ft)



Option C features one 1/2" NPT (National Pipe Thread) conduit fitting.



Option W features 7.6m / 25ft. of SJT weather resistant, stainless steel armored cable with flying leads

- Conduit is not included.
- Consult the factory for cable lengths greater than 22 m / 75 ft.
- Follow all cable manufacturers bending radii recommendations.



We are the industry **Responsive Asset Health Solutions** provider. We use comprehensive end-to-end products and services to improve customers business performance.



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