

Mechanical Telltales

Description

NOTE: This is a legacy and discontinued product not available for order.

The Mechanical Telltales from Trolex's RMT product line are low-cost, visual tools for monitoring movement in a tunnel roof, typically for use in underground mines. The RockMonitor XM Mechanical Telltale is a mechanical, non-electrical equipment that is operated and installed under human power only. The instrument has no potential ignition hazards which are not solely due to the materials of construction. The RockMonitor XM Mechanical Telltale is therefore outside the scope of the ATEX Directive and does not require IECEx certification for use in Hazardous Locations.

All models use spring leg anchors for ease of installation up-hole from the roof. The AWTT model is ATEX/IECEx rated for use in hazardous environments.

MECHANICAL TELLTALES SPECIFICATIONS

ITEM	SPECIFICATION
Ambient temperature:	0 °C to +50 °C
Storage temperature:	-20 °C to +50 °C
Humidity:	10 to 98%
Protection classification:	Dust and waterproof to IP54
Housing materials:	SS316, PC/ABS
Net weight:	2.1kg
Measurement range:	0 to 150 mm (without reset)
Accuracy:	<1.0mm
Repeatability:	<0.1mm
Labels	1mm visual markings
Number of Anchors	2 or 4
Hole Size	35-50mm hole (others available on request)
Anchor Options	60mm or 100mm spring leg span
Head Assembly Dimensions	Water Diverting = 215mm Length x 100mm Diameter Non-Water Diverting (plastic sleeve) = 300mm Length x 100mm Diameter
Shear Spring	Extension spring located between the spring anchor and longest indicator suspension wire. This can be used to detect wires that are becoming trapped in the hole.
Water Diverting Sleeve	Model suitable for wet applications
Plastic Sleeve	Open Top/Bottom for dirt to pass through - for dry applications

SPECIFICATIONS