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

Water Diverting = 215mm Length x 100mm Diameter Head Assembly Dimensions Non-Water Diverting (plastic sleeve) = 300m Length x

100mm Diameter

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