

AMR PEMCO

PROVEN PARTNER IN TECHNOLOGY

Tip Switches



AMR PEMCO's Tip Switches are simple and versatile units used to sense material levels at underground mines, strip mines, preparation plants and stone quarries. The TS-1900 switches have no moving parts and are potted to increase their durability. They are designed to be hung vertically, using the attached eyehook. If they tilt more than a certain degree, depending on the model, in any direction, the normally closed mercury switch will open, breaking a control or sense circuit. The switches are rated for 250 VAC at 15Amp.

Features & Benefits

- Durable construction in galvanized or SAE 304 stainless steel
- Fully encapsulated cylinder for dust and moisture protection with no moving parts
- Variety of sizes and shapes available for either 15° or 30° activation
- Models available with integrated fins for stability in quickly shifting materials
- Simple installation from integrated eyehook
- 120 up to 250 VAC @ 15 Amp input power



Specifications

Standard 6 foot cable – 16AWG, 3 conductor

Integral I-bolt for mounting

Galvanized pipe with bell

Activation – 15 Degree

Contact Output – NC – 120VAC, 7 Amp



MODEL	ACTIVATION	RELAY CONTACT	LENGTH	SIZE	ENCLOSURE	FINS
TS-1900	30 Degree	Normally Closed (NC)	15.5" (39.37cm)	2.25 in ² (14.52 cm ²)	Square Stainless Steel	YES
TS-1905	30 Degree	Normally Open (NO)	14" (35.56cm)	2.25 in ² (14.52 cm ²)	Square Stainless Steel	YES
TS-1910	30 Degree	Normally Closed (NC)	12" (30.48cm)	1.75 in ² (11.29 cm ²)	Round Galvanized Steel	NO
TS-1915	15 Degree	Normally Open (NO)	6" (15.24cm)	2.25 in ² (14.52 cm ²)	Square Stainless Steel	NO
TS-1920	15 Degree	Normally Closed (NC)	14" (35.56cm)	2.25 in ² (14.52 cm ²)	Square Stainless Steel	YES
TS-1925	15 Degree	Normally Closed (NC)	14.75" (37.47cm)	1.75 in ² (11.29 cm ²)	Round Galvanized Steel	NO
TS-1930	30 Degree	Normally Closed (NC)	7" (17.78cm)	2.25 in ² (14.52 cm ²)	Square Stainless Steel	NO



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