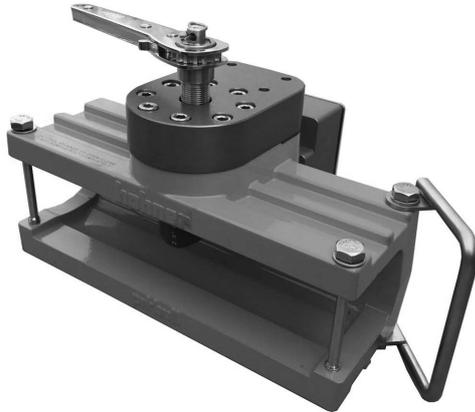


PTS-001 'Pit Bull' - Hook Load / Dead Line Sensor



Part Number: PTS - 001

4...20 mA 2 wire current loop output
Zone 0 Ex ia IIC Certified
For up to 2.5" Cables
Mechanics rated up to 200,000 lbs
MS6 Connector Standard



Certified to ATEX, IECEx and CSA

Photo shows unit attached to 1.25" cable. Different inserts, magnetically attached to torque pin are used for different cable diameters.

A 3/4" Hex ratchet is provided and locked into place, though if it does go missing, any 3/4" Hex wrench will do the job.

hundreds of legacy sensors replaced with success

Technical Data

Operating temp:	- 40 ...+ 60 degrees C - 40 ...+ 140 degrees F - Optional -40...+ 85 degrees C -40... + 185 degrees F
Load Cell Certification:	ATEX, CSA and IECEx
Weight:	22 lbs (10 kg)
Protection:	IP 66 / X7 M
Material Load Cell:	Stainless Steel
Material Chassis:	Aluminum
Material Clamp:	Stainless Steel
Power Supply:	24 V
Output Tolerance:	0.25% of full scale
Calibration Error:	Under 5%
Temp Effects:	Full shift 0.035%/10C

Connection Options

MS6, MS7, MS10 (available with junction box as well)

+ Loop	Pin A
- Loop	Pin D

- Other connector types also available

Installation

Installed on the deadline side
Output is linearly proportional to tension on deadline
For 0.75" to 2.5" cable diameters

Output Limits (always linear)

At min weight, the output is 4mA (point set by user)
At max weight, the output is 20mA (point set by user)

Advantages

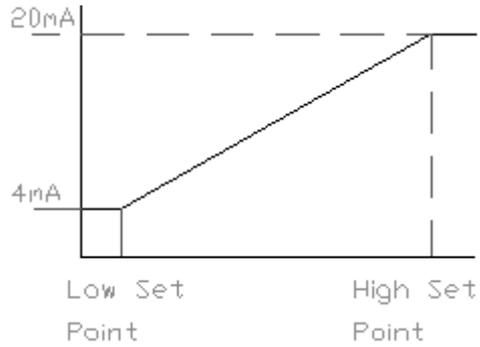
- Easy MS6, MS7 or MS10 connection
- Easy to use clamp on design
- Fully interchangeable with existing units
- Field replaceable load cell, in the event of a failure, only the actual load cell is replaced

Certification

IP 66 and Ex ia IIC

From Load Cell

Best suited to work with the following MTL isolator: MTL5541



Dimensions

