

## MSI-Load Pin Sensors

### Standard Features

- 23-74 mm diameter x <305 mm loaded length
- Internally gauged load pin
- Idler sheave or dead end pin preferred location
- Minimum 5:1 safety factor
- 17/4 stainless steel construction
- $\pm 1\%$  to 3% accuracy of hoist capacity
- -40°C to 60°C operating temperature



A key component for MSI's integrated overhead weighing solutions is the Load Pin Sensor. Typically designed and manufactured specifically to each integrated solution, the MSI load pin is strictly industrial grade. Each load pin design is precision machined from 17-4 stainless steel for safety, strength and corrosion resistance.

Each strain gauge location is precisely calculated and correctly placed in the optimum concentrated stress area of each installation. This MSI-applied engineering process ensures the most efficient and accurate performance for each specific installation.

MSI load pin designs apply only internally mounted strain gauges for complete protection from the outside environment.

**To receive a quotation for a load pin sensor to meet your application requirements, complete the load pin questionnaire also located at [www.ricelake.com](http://www.ricelake.com) or contact an MSI overhead weighing specialist for further application assistance.**