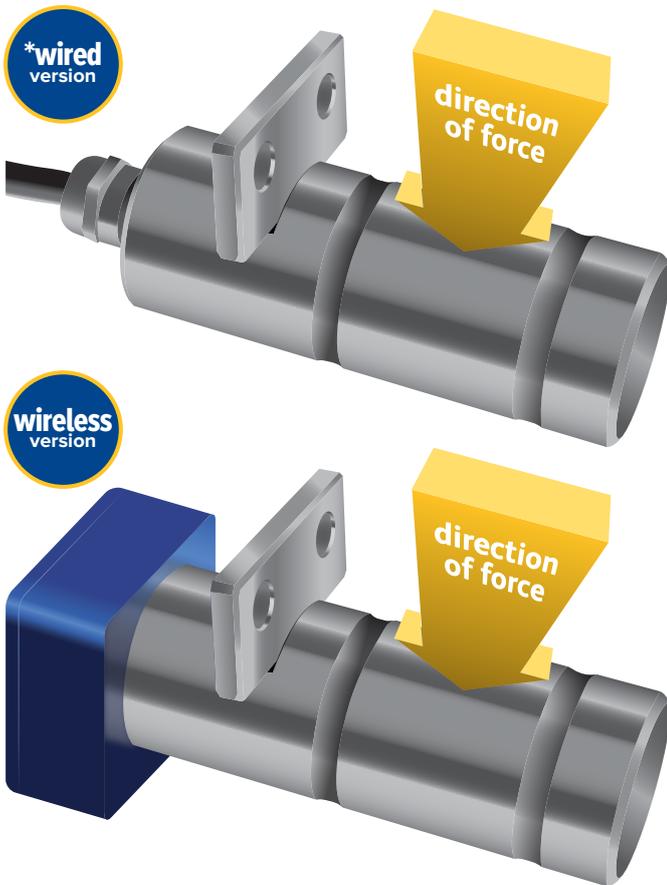


Loadpin



Applications:

- Marine tankers, offshore platforms
- Elevator and floor conveyor testing and certification
- Bearing blocks, pivots and shackles
- Cable laying equipment
- Rope, chain and brake anchors
- Bridge support cables
- Mooring lines
- Pulleys and sheaves
- Crane cables
- Hoisting gear
- Winches
- Design validated by F.E.A.

Please note: Please advise cable configuration on order - Radial or Axial pin exit.
If you require a Loadpin to a particular size and design, download Straightpoint's Loadpin questionnaire and return, POA. www.straightpoint.com/loadpin.html



Requires connection to Crosby|Straightpoint's Handheld plus (HHP) or External Amplifier range (SA-3420) that can be configured to provide outputs such as 4-20mA, 0-10v, 0-5v for PLC or data logger integration.

The Straightpoint range of Load Measurement Pins (LMP's) are designed for use in applications where an end of line load cell cannot be used, meaning an integrated solution is required.

Often a customised solution, they are manufactured from high tensile stainless steel and are normally supplied complete with an anti-rotation plate as a cabled or wireless solution.

Built to withstand the harshest environments in industries such as marine and offshore oil and gas, they are suitable for use in exposed situations and can also be supplied to withstand immersion in seawater at extreme depths.

Straightpoint Loadpins are typically connected to Straightpoint's Handheld plus, or may be supplied with a vast array of output formats. These include mV/V, RS-422, RS-485, utilising the ASCII, MODBUS RTU and CAN-BUS protocols or an analogue output such as 4-20mA for PLC integration. All are also supplied with a 10 metre or 32ft cable as standard, however, usable cable length varies greatly with lengths available to 1500 metres or 4900ft, depending on output format.

Please email your enquiry to: sales@straightpoint.com

Also available with hazardous area approval. Zones 0, 1 & 2



ATEX / IECEX Ex ia II C T4 Ga

Certification numbers:

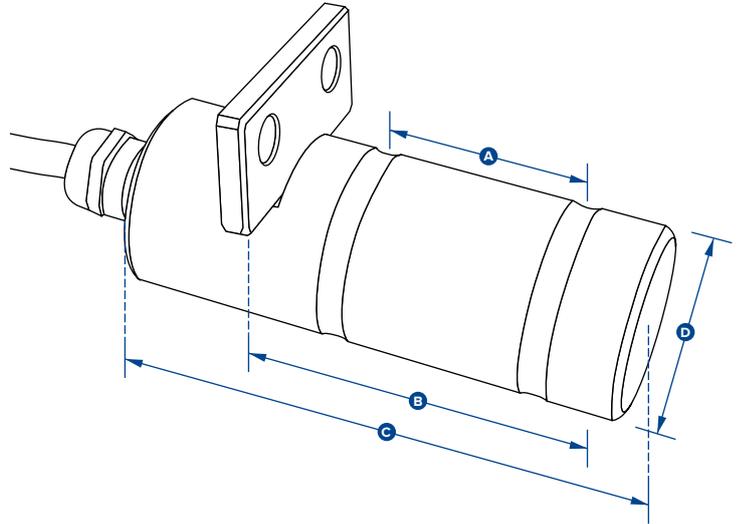
LP ATEX

IECEX SIR 16.0041X / Sira 16ATEX2108X

SW-HHP ATEX

IECEX SIR 15.0072X / Sira 15ATEX2196X

**Add 'ATEX' to the part number when ordering ATEX/IECEX products.
For example: LP500KG-ATEX**



| Part Numbers | LP500KG | LP1T | LP2.5T | LP3.5T | LP6.5T | LP15T | LP25T | LP50T | LP100T | LP250T | LP500T | LP750T | LP1000T | LP1500T |
|----------------|---|------------------|-----------------|-----------------|------------------|-----------------|-----------------|------------------|-------------------|-------------------|--------------------|--------------------|---------------------|---------------------|
| Crosby | 2789276 | 2789277 | 2789278 | 2789279 | 2789280 | 2789281 | 2789282 | 2789283 | 2789284 | 2789285 | 2789286 | 2789287 | 2789288 | 2789289 |
| Capacity | 500kg 1100lb | 1000kg 2200lb | 2.5te 5500lb | 3.5te 7700lb | 6.5te 14000lb | 15te 33000lb | 25te 55000lb | 50te 110000lb | 100te 220000lb | 250te 550000lb | 500te 1100000lb | 750te 1650000lb | 1000te 2200000lb | 1500te 3300000lb |
| Resolution | 0.2kg 0.5lb | 0.5kg 1lb | 0.001te 2lb | 0.001te 2lb | 0.002te 5lb | 0.002te 5lb | 0.005te 10lb | 0.01te 20lb | 0.05te 100lb | 0.1te 200lb | 0.2te 500lb | 0.2te 500lb | 0.5te 1000lb | 0.5te 1000lb |
| Units | kgs, tonnes | | | | | | | | | | | | | |
| | lbs | | | | | | | | | | | | | |
| Weight | 0.9kg 0.4lb | 1kg 0.5lb | 1.2kg 0.9lb | 1.4kg 1.3lb | 2kg 2.6lb | 3.1kg 5lb | 5.6kg 10.3lb | 8.6kg 18lb | 11.8kg 24lb | 29.8kg 64lb | 79.2kg 172lb | 146kg 319lb | 275kg 603lb | 389kg 854lb |
| Safety Factor | 300% of SWL | | | | | | | | | | | | | |
| Operating Temp | -20°C to +70°C | | | | | | | | | | | | | |
| | -4°F to 158°F | | | | | | | | | | | | | |
| Accuracy | ±1% of full scale | | | | | | | | | | | | | |
| Protection | IP67 [IP68 available as an option] | | | | | | | | | | | | | |
| | NEMA6 [NEMA6P available on application] | | | | | | | | | | | | | |
| Dimension A | 24 0.94" | 35 1.38" | 45 1.77" | 50 1.97" | 63 2.48" | 75 2.95" | 89 3.50" | 102 4.02" | 110 4.33" | 130 5.12" | 225 8.86" | 295 11.61" | 360 14.17" | 430 16.93" |
| Dimension B | 36 1.42" | 49 1.93" | 70 2.76" | 75 2.95" | 95 3.74" | 114 4.49" | 152 5.98" | 178 7.01" | 190 7.48" | 220 8.66" | 370 14.57" | 500 19.69" | 612 24.09" | 731 28.78" |
| Dimension C | 70 2.76" | 80 3.15" | 100 3.94" | 105 4.13" | 125 4.92" | 150 5.91" | 195 7.68" | 225 8.86" | 230 9.06" | 300 11.81" | 440 17.32" | 590 23.23" | 712 28.03" | 832 32.76" |
| Dimension ØD | 20 0.79" | 20 0.79" | 25 0.98" | 30 1.18" | 40 1.57" | 50 1.97" | 63 2.48" | 75 2.95" | 88 3.46" | 125 4.92" | 170 6.69" | 200 7.87" | 250 9.84" | 275 10.83" |