

### 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.  
[straightpoint.com/loadpin.html](http://straightpoint.com/loadpin.html)

The Crosby 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.

Crosby 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, 4-20mA output, 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.

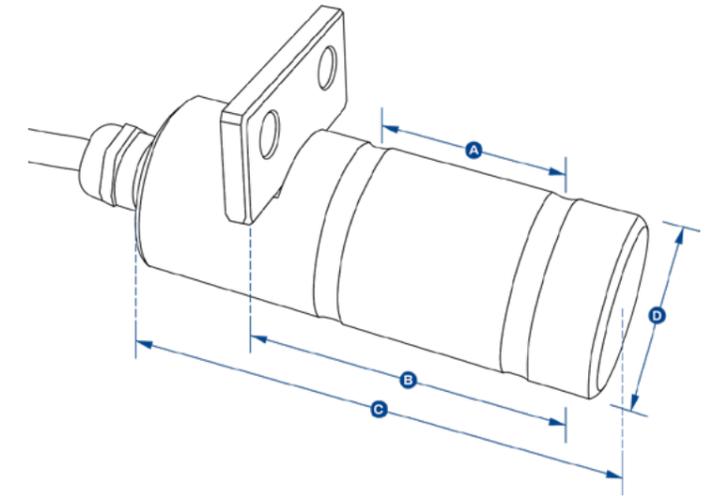
Please email your enquiry to: [sales.sp@straightpoint.com](mailto:sales.sp@straightpoint.com)

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

**ATEX / IECEx**  
Ex ia II CT4 Ga

Certification numbers:  
LP ATEX  
IECEx SIR 16.0041X / SIRA 16ATEX2108X / CSAE 22UKEX1266X  
SW-HHP ATEX  
IECEx SIR 15.0072X / SIRA 15ATEX2196X / CSAE 22UKEX1267X

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



SP Model	LP500KG	LP1T	LP2.5T	LP3.5T	LP6.5T	LP15T	LP25T	LP50T	LP100T	LP250T	LP500T	LP750T	LP1000T	LP1500T
Crosby Part	2789276	2789277	2789278	2789279	2789280	2789281	2789282	2789283	2789284	2789285	2789286	2789287	2789288	2789289
Capacity	500 kg 1,100 lb	1,000 kg 2,200 lb	2.5 te 5,500 lb	3.5 te 7,700 lb	6.5 te 14,000 lb	15 te 33,000 lb	25 te 55,000 lb	50 te 110,000lb	100te 220,000 lb	250 te 550,000 lb	500te 110,000lb	750 te 165,000lb	1,000 te 220,000 lb	1,500 te 330,000 lb
Resolution	0.2 kg 0.5 lb	0.5 kg 1 lb	0.001te 2 lb	0.001 te 2 lb	0.002 te 5 lb	0.002 te 5 lb	0.005 te 10 lb	0.01te 20 lb	0.05 te 100 lb	0.1 te 200 lb	0.2te 500lb	0.2 te 500 lb	0.5 te 1,000 lb	0.5 te 1000 lb
Weight	0.9 kg 0.4 lb	1 kg 0.5 lb	1.2 kg 0.9 lb	1.4 kg 1.3 lb	2 kg 2.6 lb	3.1kg 5 lb	5.6 kg 10.3 lb	8.6 kg 18 lb	11.8 kg 24 lb	29.8 kg 64 lb	79.2kg 172lb	146 kg 319 lb	275 kg 603 lb	389 kg 854 lb
Units	te, lb, kg, kN													
Protection	IP67 (IP68 available as option)													
Safety Factor	300% of SWL													
Operating Temp	-10 to +50 °C / 14 to 122°F													
Accuracy	+/-1% FS													
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