

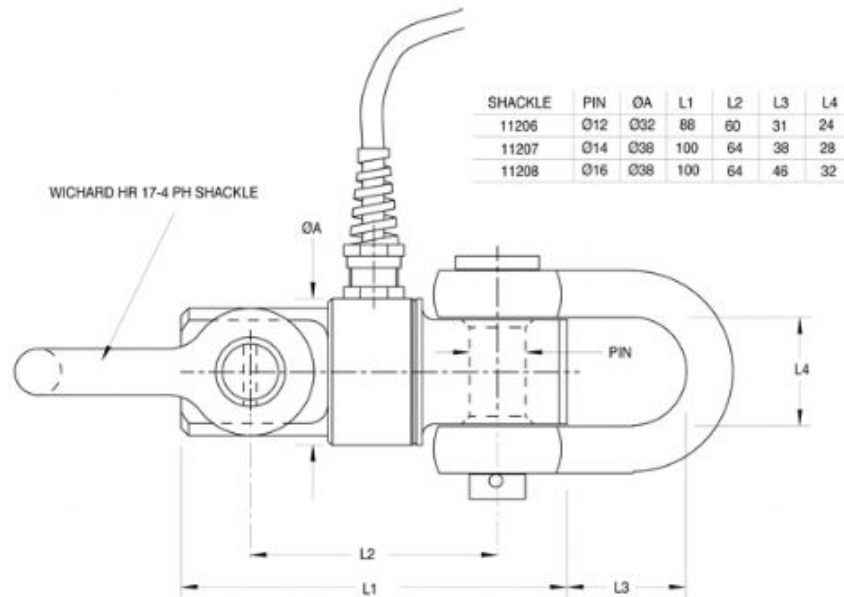
# Toggle Load Cell

The DYS range of Tension Toggle Load Cells have been designed for general use and are particularly suitable for permanent installations where wire loads are being measured.



They are built to exacting standards and are suitable for use in exposed situations and can be supplied to withstand immersion in sea water.

This range of load cells are Proof Loaded to 150% of the normal rated load.



|                         |                         |
|-------------------------|-------------------------|
| Bridge Resistance       | 350 Ohms                |
| Excitation              | 5 -10V DC, Max 15V DC   |
| Output (Nominal)        | 1.0mV/V at Rated Load   |
| Insulation Resistance   | >500 MOhm @ 100V DC     |
| Operating Temperature   | -20°C to +70°C          |
| Compensated Temp. Range | -10°C to +50°C          |
| Zero Temp Coefficient   | 0.01% of Rated Load /°C |
| Span Temp Coefficient   | 0.01% of Rated Load /°C |

|                        |  |
|------------------------|--|
| Non-linearity          | <+/- 0.2% of Rated Load  |
| Non-repeatability      | +/- 0.04% of Rated Load  |
| Proof Load             | 150% of Rated Load   |
| Ultimate Breaking Load | >300% of Rated Load  |
| Protection             | IP67   |
| Cable                  | 4-core Screened  |
| Connections            | Red +ve supply, Blue -ve supply<br>Yellow -ve signal, Green +ve signal |

The full range is available in EYE to EYE geometry; all other details remain the same.