

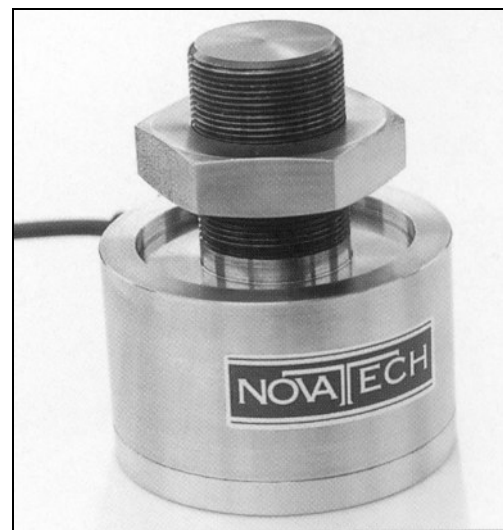


F257

Axial Compensated Loadcell

Standard Ranges 8, 12, 16 and 24tonne (80 to 240kN)

- ◆ High accuracy
- ◆ Misalignment error compensation
- ◆ Highly adaptable inert end fixings
- ◆ Standard 2 year warranty
- ◆ Output rationalised to 2mV/V



Geometry: Beam and diaphragm combination. Tension, compression and bi-directional options are available. All standard bi-directional loadcells are calibrated in both modes.

The loadcell's unique strain system compensates for typical force misalignment in force measurement rigs and industrial weighing systems. Its various end fixing options are all inert and easily modified for direct inclusion in mechanical assemblies.

The basic versions of the F257 are all sealed to IP65. If better sealing is required IP67 is available as an option. An SY014 integral 4 to 20mA output amplifier can be fitted as an option.

We are happy to design variants of this loadcell to meet your specific requirements. Versions can be manufactured for operation up to +250°C. Please consult our engineering department.

Details of our other loadcell families can be found in the Loadcell Specifier Guide. If you require a copy please contact our sales department or look on our web site at www.novatechloadcells.co.uk.

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| Ordering Codes: | See the loadcell ordering code sheet for more details. Add range in the required units. | | |
| F257CFR0KN | Compression, flat base, IP65 | F257DFR0KN | Compression, stud base, IP65 |
| F257LFR0KN | Compression, convex base, IP65 | F257UFR0KN | Bi-directional, stud base, IP65 |
| F257TFR0KN | Tension, stud base, IP65 | F257EFR0KN | Tension, eye base, IP65 |
| All F257s are rationalised as standard. Change R to an S for IP67. Integral amplifiers are available with all options. | | | |

