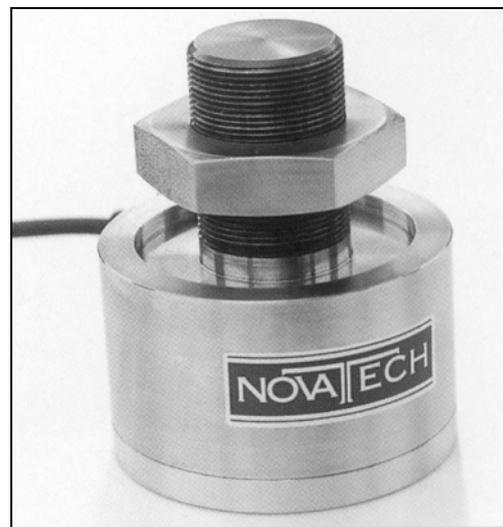


# F257

## Axial Compensated Loadcell

Standard Ranges 80, 120, 160 and 240kN (8 to 24tonnef)

- ◆ High accuracy
- ◆ Misalignment error compensation
- ◆ Highly adaptable inert end fixings
- ◆ Standard 2 year warranty
- ◆ Output rationalised to 2mV/V
- ◆ Traceable calibration with certificate included in the standard price



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. Integral 4 to 20mA or  $\pm 10V$  output amplifiers can be fitted as an option. Additional information can be found in Engineering Application Sheet E032 and the ICA6H data-sheet.

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

Details of our other loadcell families can be found in the Product List and the Loadcell Specifier Guide. If you require copies please contact our sales department or look on our web site at [www.novatechloadcells.co.uk](http://www.novatechloadcells.co.uk).

<b>Ordering Codes:</b>		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		
All F257s are rationalised as standard. Change R to an S for IP67. Integral amplifiers are available with all options.			

