

F328

Low Force Universal Loadcell

Standard Ranges 10, 20, 50, 100, 200 and 500N (1 to 50kgf)

- ◆ Low force loadcell
- ◆ Totally passive design
- ◆ Wheatstone bridge device
- ◆ Foil strain gauges
- ◆ High thermal stability
- ◆ Traceable calibration with certificate included in the standard price
- ◆ Extraneous load rejection for vectors up to 30° off axis



The F328 is an axial low force universal loadcell with quantified extraneous load and moment rejection.

Its high resistance 5000Ω strain gauge bridge makes this loadcell ideal for battery powered applications such as a laptop computer with a DSC USB loadcell digitiser or a hand held TR150 loadmeter.

The strain system exploits a laminated structure producing excellent extraneous force and moment rejection together with minimal translational deflection. Novatech have quantified the errors present with combinations of side load and associated induced moments in Engineering Application Sheet E034.

We are happy to design variants of this loadcell to meet your specific requirements.

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.

Ordering Codes:		See the loadcell ordering code sheet for more details. Add range in the required units.	
F328TF00B0	Tension, unrationalised	F328TF00BN	Tension, rationalised
F328DF00B0	Compression, unrationalised	F328DF00BN	Compression, rationalised
F328UF00B0	Bi-directional, unrationalised	F328UF00BN	Bi-directional, rationalised

