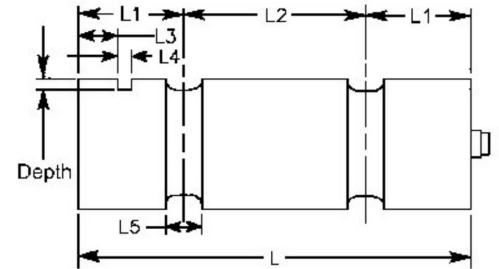


F312 Custom Shear Pin Loadcell

Custom Ranges



Specification

Parameter	Value	Unit
Load range	-	tonnef
Non-linearity - Terminal	± 0.1 to ± 0.3	% RL
Repeatability	± 0.1	% RL
Rated output - Nominal	2.2	mV/V
Zero load output	± 4	% RL
Temperature effect on rated output per $\hat{A}^{\circ}\text{C}$	± 0.005	% AL
Temperature effect on zero load output per $\hat{A}^{\circ}\text{C}$	± 0.005	% RL
Temperature range - Compensated	-10 to +50	$^{\circ}\text{C}$
Temperature range - Safe	-10 to +80	$^{\circ}\text{C}$
Excitation voltage - Recommended	10	V
Bridge resistance	350	$\hat{\Omega}$
Insulation resistance - Minimum at 50Vdc	500	$\text{M}\hat{\Omega}$
Overload - Safe	50	% RL
Overload - Ultimate	100	% RL
Sealing	IP65	
Cable length	2	m

We can manufacture shear pin loadcells to your specific requirements.

If you contact us using the "Make an enquiry" button and send it to our sales department we will respond with a quotation, usually within 24 hours. We need at least one contact number or email address to return the quotation! More information can be found in the F312 Engineering Application Sheet.

Notes

- AL = Applied load.
- RL = Rated load.
- Temperature coefficients apply over the compensated range.

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