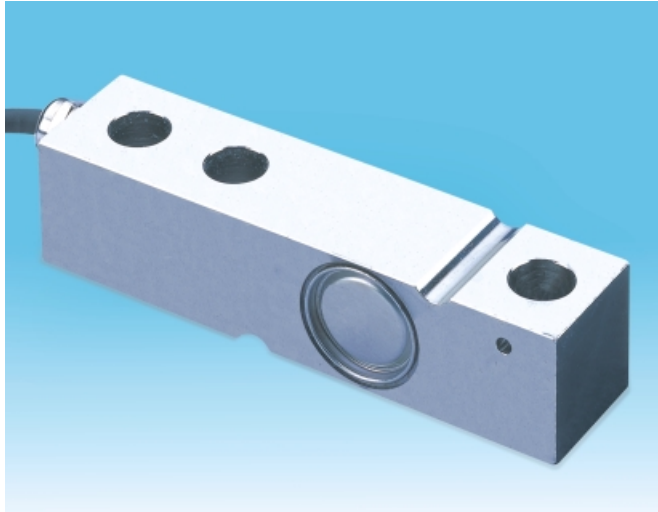


Series 350

Shear beam load cells for industrial weighing

capacities 300 kg to 5,000 kg



alloy (350a) or stainless steel (350i) load sensor

simple low cost installation

alloy version fully potted and sealed to IP 66

5 year warranty

stainless steel version fully welded and hermetically sealed to IP68

industry standard configuration

corrosion resistant

optional load feet, mounting plates, load buttons and supports

3000 divisions OIML R60 Class C

optional anti-vibration loading assembly available

This cell is typically used in weigh platforms, tank and vessel weighing, bag filling machines and conveyors.



Thames Side - Maywood

...your specialist load cell partner

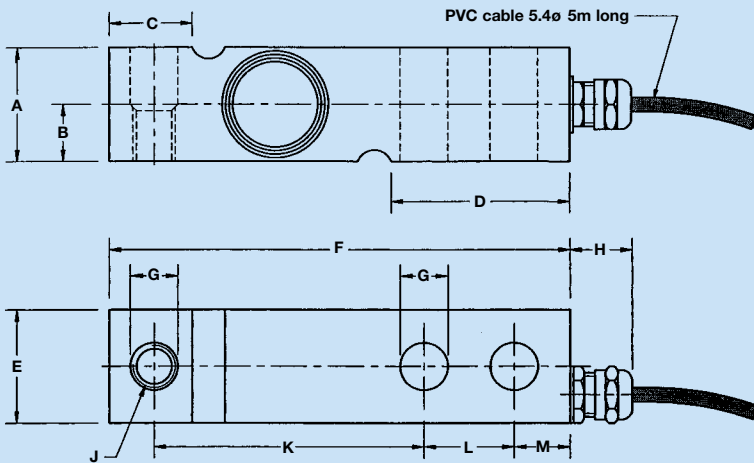
technical specification sheet

Series 350i - Stainless steel, fully welded & hermetically sealed

Series 350a - Nickel plated alloy steel

	Load Cell Capacity	Units
Standard Load Ranges	300, 500, 750, 1000,	kg
	1500, 2000, 3000, 5000	kg
Rated Output	2	mV/V \pm 0.1%
Accuracy Class	3000	n.OIML
Combined Error	$< \pm 0.017$	%*
Non-repeatability	$< \pm 0.015$	%*
Creep (30 minutes)	$< \pm 0.016$	%*
Temperature Effect on Zero Balance	$< \pm 0.01$	%*/ $^{\circ}$ C
Temperature Effect on Span	$< \pm 0.006$	%*/ $^{\circ}$ C
Compensated Temperature Range	-10 to +40	$^{\circ}$ C
Operating Temperature Range	-20 to +70	$^{\circ}$ C
Safe Overload	150	%*
Ultimate Overload	200	%*
Zero Balance	$< \pm 2$	%*
Input Resistance	400	$\Omega \pm 30$
Output Resistance	350	$\Omega \pm 1.5$
Insulation Resistance	> 5000	M Ω @ 100V
Recommended Supply Voltage	10	V
Maximum Supply Voltage	15	V
Environmental Protection	350i=IP68 350a=IP66	-

*With respect to rated output

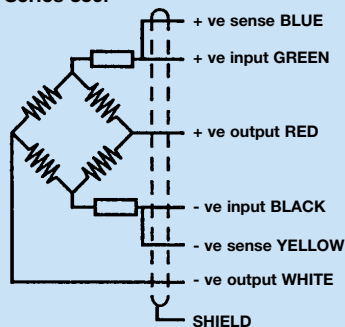


Range (kg)	A	B	C	D	E	F	Gø	H	J	K	L	M	Weight
300 - 2000	31.5	15	24.6	51.6	31.5	130	13.5	18	M12	76.2	25.4	15.8	0.9kg
3000 - 5000	48	-	37	70	38.5	171.5	20.5	18	-	95.2	38.1	19	2.2kg

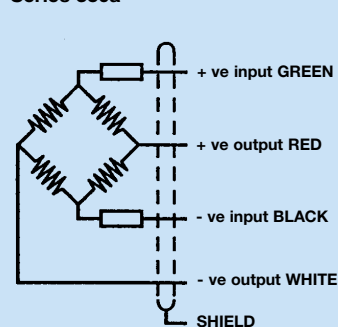
All dimensions in mm.

Electrical Connections

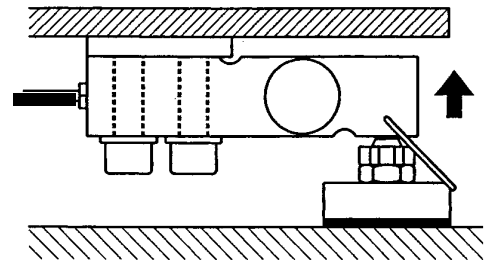
Series 350i



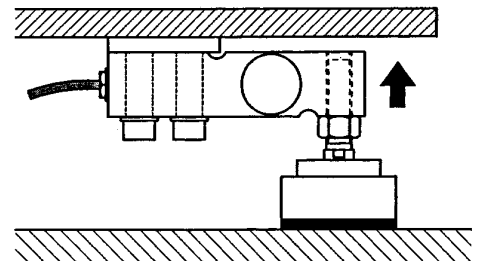
Series 350a



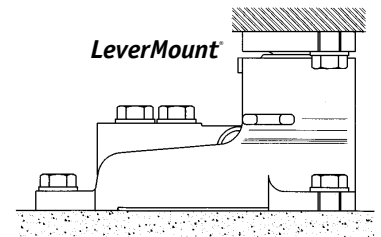
Load Foot Accessories for 350



Alloy steel load foot
Acc.35913



Stainless steel load foot
Acc.35901



LeverMount

Our policy is one of continuous product enhancement. We therefore reserve the right to incorporate technical modifications without prior notification.

Distributed by

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