



The DEETER Group®



350i Stainless Steel Load Cell

Shear beam load cells for industrial weighing
capacities 300 kg to 5,000kg



Stainless steel load sensor	5 year warranty
Fully welded and hermetically sealed to IP68	Industry standard configuration
Corrosion resistant	Optional load feet, mounting plates and load buttons
3000 divisions OIML R60 Class C	Optional anti-vibration loading assembly
Simple low cost installation	Optional Levermount® loading assembly

This cell is typically used in weigh platforms, tanks and vessel weighing, bag filling machines and conveyors, and is approved to OIML R60 3000 divisions.

Fully welded construction ensures total environmental sealing coupled with excellent long term stability. Available with intrinsically safe certification ATEX EEx ia IIC T6 for use in both Gas and Dust zones. High temperature option for operation up to 150 °C.

All electrical equipment should be installed by a qualified electrician.

DEETER ELECTRONICS LTD

Deeter House, Valley Road, Hughenden Valley, Bucks. HP14 4LW
UK. Tel: +44 (0)1494 566 046 Fax: +44 (0)1494 563 961
Email: sales@deeter.co.uk Website www.deeter.co.uk

Distributed by:

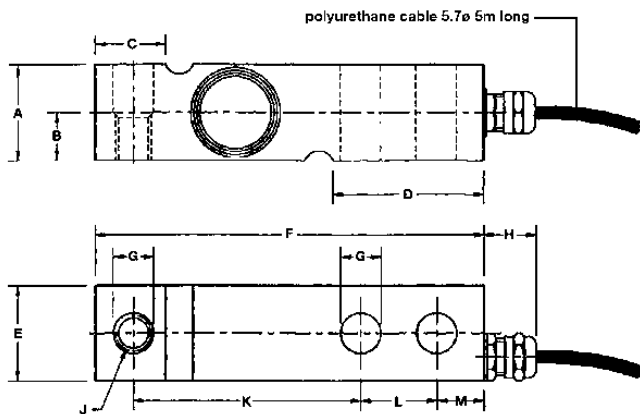


The DEETER Group®



	Load Cell Capacities	Units
Standard Load Ranges	300, 500, 1000, 2000, 3000, 5000	kg
Rated Output	2	mV/V±0.1%
Accuracy Class	3000	n.OIML
Combined Error	<±0.017	%*
Non-repeatability	<±0.015	%*
Creep (30 minutes)	<±0.016	%*
Temperature Effect on Zero Balance	<±0.01	%*/°C
Temperature Effect on Span	<±0.006	%*/°C
Compensated Temperature Range	-10 to +40	°C
Operating Temperature Range	-20 to +70	°C
Safe Overload	150	%*
Ultimate Overload	200	%*
Zero Balance	<±2	%*
Input Resistance	400	Ω ± 30
Output Resistance	350	Ω ± 1.5
Insulation Resistance	>5000	MΩ @ 100v
Recommended Supply Voltage	10	V
Maximum Supply Voltage	15	V
Environmental Protection	IP68	-

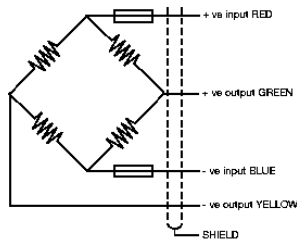
**With respect to rated output*



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

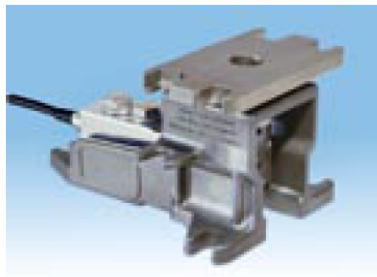


Fitting/Mounting Options

Load Foot for 350



LeverMount



AV Mount



All electrical equipment should be installed by a qualified electrician.

DEETER ELECTRONICS LTD

Deeter House, Valley Road, Hughenden Valley, Bucks. HP14 4LW
 UK. Tel: +44 (0)1494 566 046 Fax: +44 (0)1494 563 961
 Email: sales@deeter.co.uk Website www.deeter.co.uk

Distributed by: