Active Load

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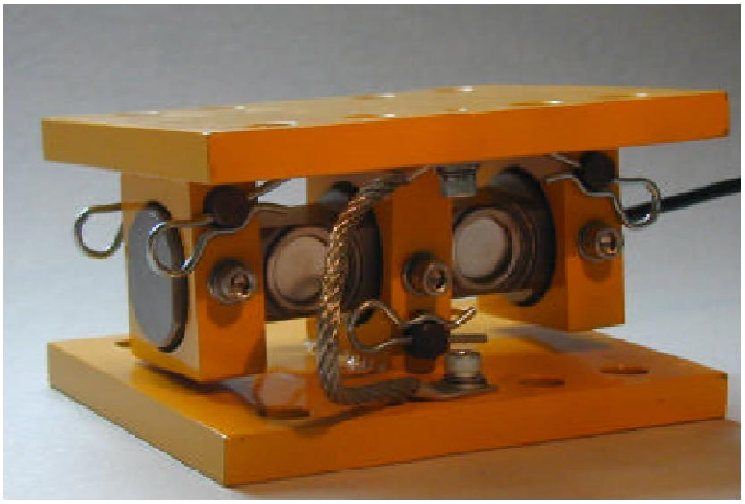
Series 1350 silo weighing module



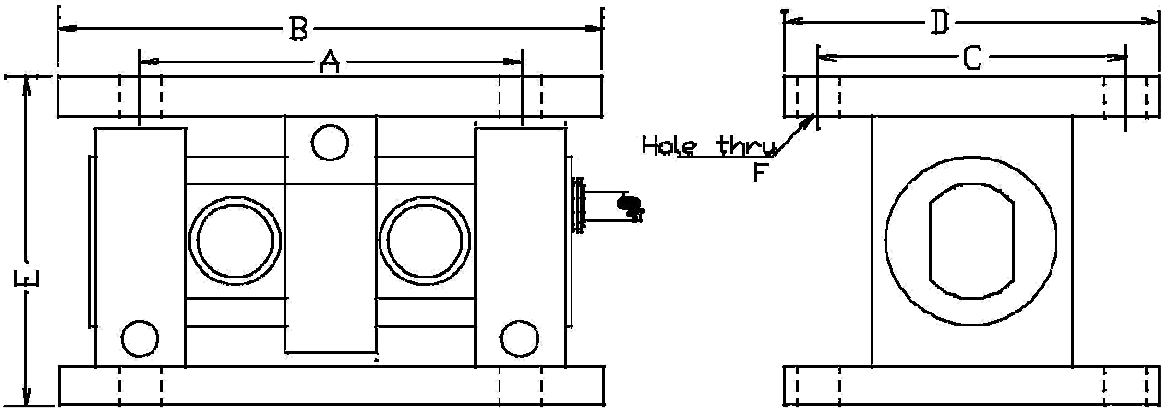
- **Stainless Steel**
- **Low Profile**
- **Resistant to off axis loads**
- **Allows vessel expansion**

Description

Vessel weighing problems easily resolved with the Active Load Silo weighing module. Incorporating a heat treated, stainless steel, fully welded double ended shear beam the unit surpasses the IP68 sealing standard and together with full temperature compensation ensures stable and long term reliability.
The compact profile of the module facilitates low cost installation.

A full range of instrumentation and control packages from simple stand alone displays to complete turn key systems are available to support the Silo weighing module.
Details and specifications available from our Sales office.

Dimensions



Specification Group..... SP1

ELECTRICAL		
Recommended Excitation	10	Vdc
Maximum Excitation	15	Vdc
Output at rated load	2	mV/V
Zero balance	5	% of RL
Input impedance	750	+/-20
Output impedance	700	+/-3
Insulation	10^9	
Compensated temp.	-10 to 50	°C
Safe temp. range	-10 to 70	°C
MECHANICAL		
Safe Overload	150	% of RL
Ultimate Overload	300	% of RL
Deflection	<0.5	mm
Cable type	4-C	screened
Cable length	3	M
Sealing	IP68	

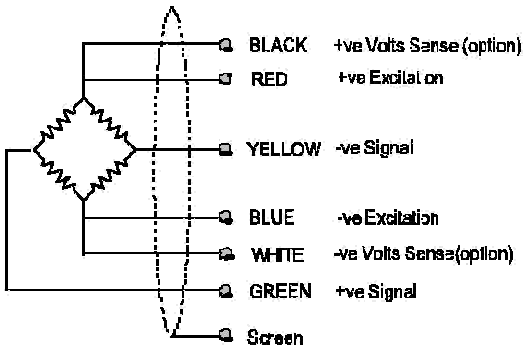
Accuracy Class..... B1

ACCURACY		
Non linearity & hystersis	0.05	%
Non repeatability	0.01	%
Zero return (after 30 minutes)	0.03	%
Temp. effect/10 C on zero	0.05	%
Temp. effect/10 C on span	0.05	%

Dimensions

Shell Size	Rating Te.	A mm	B mm	C mm	D mm	E mm	F mm
Size 1	0.5-5	105	150	94	124	88	13.5
Size 2	1-20	140	200	125	165	115	17.5
Size 3	10-50	175	280	175	230	160	22

Wiring



Note:

Maximum errors (+/-) are expressed as a percentage of rated load (when measured at 10Vdc excitation). The linearity and hystersis is the maximum deviation from a straight line drawn between the no load and the rated load outputs for both increasing and decreasing loads. Accuracy classes apply when active range (live weight) is within 20 to 90% of rated load.

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