

Shear Web Load Cell



SPECIAL FEATURES

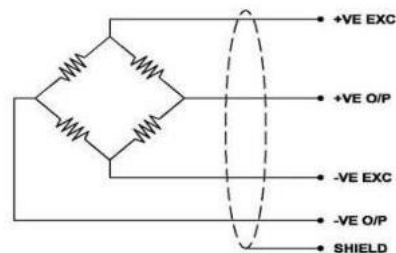
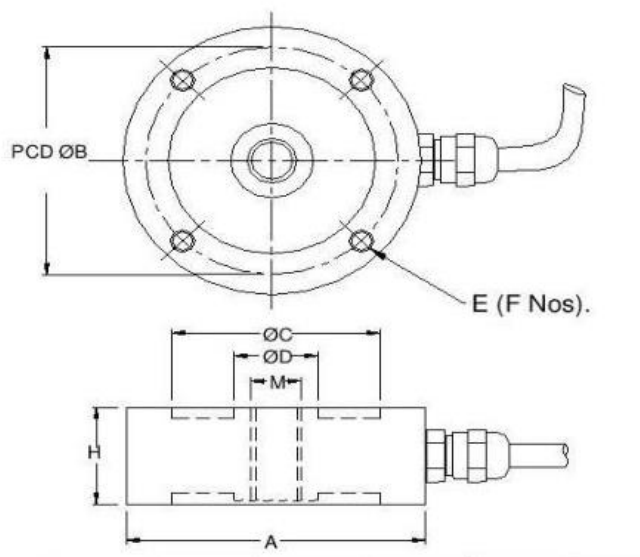
- Good Linearity
- Good Repeatability
- Easy to Install
- Temp Compensated
- Wide Range
- Good Reliability

SPECIFICATION

Model	SWL – 51 To 15 (H2)
Rated Load Capacity	0 – 1, 2, 3, 5, 10, 15, 20, 25,30 40,50,60,100 tonne
Rated Output Sensitivity	2mV/V $\pm$ 0.3%
Input Resistance	700 $\pm$ 10 Ohms
Output resistance	700 $\pm$ 5 Ohms
Excitation Voltage	10 to 15 Volts DC/AC (RMS)
Non Linearity	$\pm$ 0.1% of Rated Output
Hysteresis	0.1% of Rated Output
Creep	0.1% of Rated Output
Non Repeatability	$\pm$ 0.025% of Rated Output
Zero Balance	2% of Rated Output
Operatable Temperature Range	-20°C to 65°C
Compensated temperature Range	0°C to 55°C
Temperature Effect on Zero	0.005% of Rated Output/°C
Temperature Effect on Output	0.005% of rated Output /°C
Over load rating, Safe	150% of Rated Capacity
Over load rating (Ultimate)	200% of Rated Capacity



DIMENSIONAL DETAILS of Model : SWL - H2



Input	Output
RED	+VE ECITATION
WHITE	+VE OUTPUT
BLACK	-VE ECITATION
GREEN	-VE OUTPUT
BROWN	SHIELD

CAP	$\varnothing A$	$\varnothing B$	$\varnothing C$	$\varnothing D$	E	F	H	M	Cable
50, 100kg	50	42	33	15	4.2 hole	4	20	M8 x 1	3m
250, 500kg	72	63	54	20	M6 x 1	4	20	M12 x 1.75	3m
1-2 ton	72	63	54	20	M6 x 1	4	26	M12 x 1.75	3m
3-5 ton	100	82	68	34	M12 x 1.75	4	30	M24 x 2	3m
10 ton	120	98	78	42	M16 x 2	4	40	M30 x2	6m
15-20 ton	165	134	106	68	M24 x 3	4	55	M45 x 3	6m
25 ton	165	134	106	68	M24 x 3	4	55	M45 x 3	6m
30 ton	165	134	106	68	M24 x 3	4	55	M45 x 3	6m
40, 50, 60, 100 ton	229	184	150	98	$\varnothing 26$ Thru Hole	8	76	M64 X 2	6m

All Dimensions are in mm

Note -

$\varnothing D$ – O.D. of Inner Loading Surface

$\varnothing C$ – I.D. of Inner Loading Surface

*Specification subject to change without notice



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