



MODEL IDS658-M Series SDS Load cell

SDS LOAD CELL
HIGH PRECISION
& PERFORMANCE

Features

- Capacities 1K - 75 Klbs
- Double -ended center load shear beam design
- Rationalized outputs
- Free of horizontal movement
- Insensitive side load
- Electroless nickel plated alloy tool steel

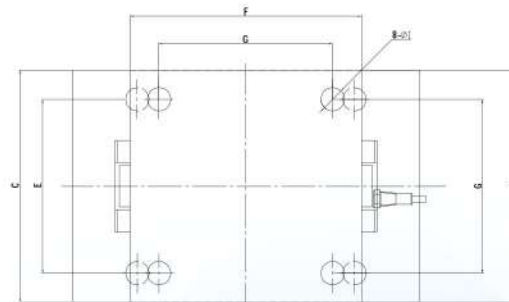
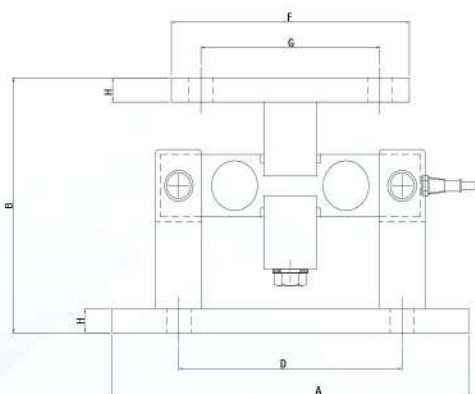


Compatible with DSR CELTRON

Specification

PARAMETER	VALUE	UNIT
Capacity	1k, 1.5k, 2k, 3k, 5k, 10k, 15k, 20k, 25k, 50k, 75k	lbs
Rated output	3.0	mV/V
Zero balance	± 1	mV/V
Input resistance	770 ± 10	Ohms
Output resistance	700 ± 5	Ohms
Non linearity	± 0.025	% R.O.
Hysteresis	± 0.025	% R.O.
Non - repeatability	0.02	% R.O.
Creep	0.030	µV/10V / 80 % Load / 1min
Zero shift	± 2	µV/12V / 80 % Load / 1min
Power on stability	± 2	µV/12V / 1 min
Temperature effect on zero	± 0.0013	% R.O./10°C
Temperature effect on rated output	± 0.0025	% R.O./10°C
Operating temperature range	-10~+40	°C
Excitation recommended	10 ~ 15	V
Safe overload	150	%R.O.
Insulation resistance	≥ 5000 (50 VDC)	Mega-Ohms
Cable, Length	6 wire x 7.5 m	

All specifications listed are subject to change without notice.



Capacity	Dimension (mm)								
	A	B	C	D	E	F	G	H	I
1~5klb	235	127	127	158.8	95.3	101.6	69.9	12.7	14.2
10~35klb	304.8	200.7	203.2	190.5	152.4	203.2	152.4	19.1	20.6
50~75klb	412.8	236.2	304.8	292.1	241.3	228.6	165.1	25.4	20.6
100~125klb	596.9	298.5	355.6	508	304.8	254	203.2	28.4	28.4