

Force Subminiature Compression - FSMC

Sub Miniature Compression Load cell

DESCRIPTION

Model FSMC - Subminiature load cell is a low profile force transducer for applications with minimal space and high capacity requirements. This transducer utilizes foil strain gages to measure compression loads. The top of the load cell is the area where the force is applied and the base ring of the load cell must be placed on a hard, machine-ground flat surface to obtain optimum accuracy.

FEATURES

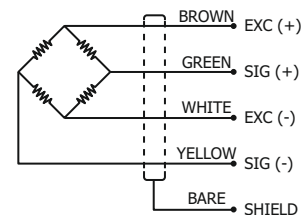
- 3000Kg ~ 5000Kg range
- $\pm 0.7\%$ accuracy
- Stainless steel
- Column construction
- mV/V output



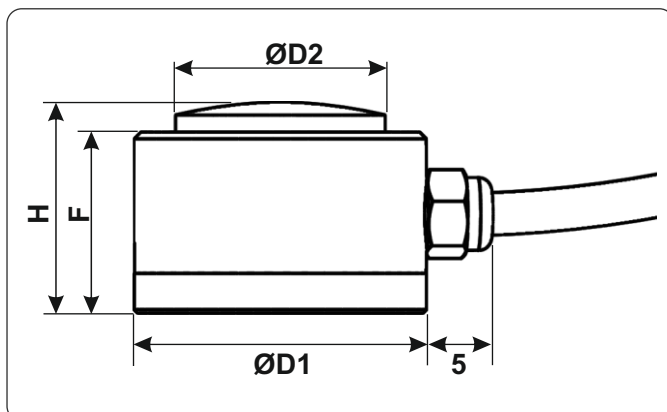
TECHNICAL SPECIFICATION

Model	FSMC
Rated capacity(R.C.)	3000Kg ~ 5000Kg
Rated output(R.O.)	1.5 mV/V
Accuracy	$\pm 0.7\%$
Bridge resistance	$350\Omega \pm 1\%$
Zero balance	1 % F.S
Excitation recommended	5V dc
Insulation resistance bridge	5000 mOhm @ 50 Vdc
Temp. effect on rated output	0.01 % F.S
Temp. effect, on zero balance	0.01 % F.S
Safe overload	120% F.S

WIRING INFORMATION



DIMENSION DETAILS



DIMENSION TABLE

Unit : mm				
Capacity	ØD1	ØD2	H mm	F mm
3000~5000Kg	22.3	16	16	13.7