

MLW67

Button Type Compression Load Cell

Features

- Load Measurement Range up to 50 ton
- Stainless Steel Material
- Low Deflection
- Bottom mounting provision



Description

MLW67 with Stainless Steel alloy material is a rugged and accurate load cell suitable for press or inline compression load measurement. This load cell offers great flexibility and reliability for a wide range of applications with highly competitive pricing. MLW67 is available in standard ranges from 5ton to 50ton with an output of mV/V. Standard precision is 0.1% FS. The robust construction of MLW67 with its high performance makes it ideal for demanding long term applications.

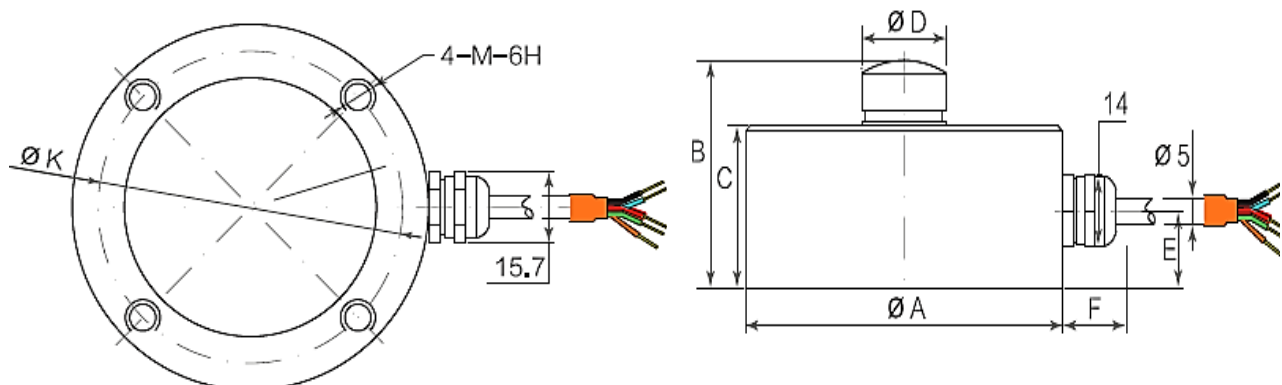
Applications

- Press or inline compression
- Precision mechanisms
- Measuring and control systems
- Universal testing machines
- Level and inventory measurement
- Flat mounting weighing systems

Technical Specifications

- Capacity(ton): 5, 10, 20, 30, 50ton
- Output: $2 \pm 10\%$ mV/V
- Precision: 0.1% FS (combined LRH error)
- Creep: $\pm 0.05\%$ FS / 30min
- Overload rating: 120% FS
- Excitation: 5VDC
- Maximum Excitation: 10VDC
- Compensated temp. range: -10 to 60°C
- Operating temp. range: -20 to +80°C
- Temp. coefficient of zero: 0.05% FS /10°C
- Temp. coefficient of span: 0.05% FS /10°C
- Impedance: 700Ω
- Insulation resistance: $\geq 5000\text{M}\Omega$ @ 100VDC
- Safe Overload: 120%
- Maximum Overload: 150%

Dimensions

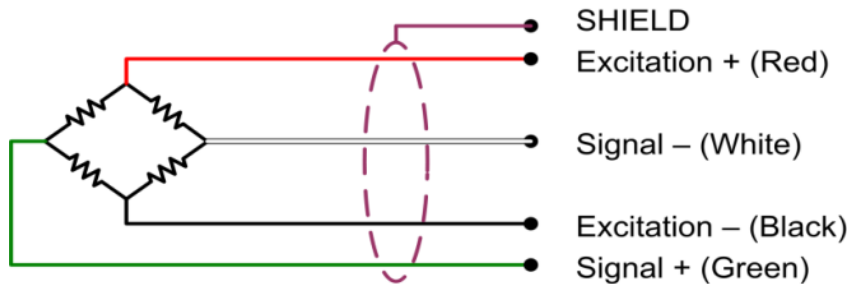


MLW67

Button Type Compression Load Cell

Capacity (ton)	A	B	C	D	E	F	K	M
5 ,10	80	44	32	22	14	14	68	M8
20	100	48	36	28	14	14	80	M8
30	126	54	40	35	14	14	101	M10
50	165	80	62	60	26	14	136	M12

Wiring



Note: All specifications are subject to change without prior notice

Ver. 2.0-19/09