



This is I.T. Co., Ltd.

1878 Moo 1 Soi Bearing 44 Sukhumvit 107 Rd.

T.Samrongnua A.Muang Samutprakarn Thailand 10270

Hot Line: 091-095-8123 Site: www.thisisit.co.th E-mail: sales@thisisit.co.th

BUX – LOW PROFILE AND HIGH ACCURACY LOAD CELL

Features

- High accuracy. Filled with inactive gases.
- Built-in mechanisms that are hard to receive effects from atmospheric pressures.
- Can be used as a load cell for the standardizing purposes.
- Supplied with an inspection data sheet to both tension and compression directions.
- Accuracy Class: 0.012%.



Specifications

Safe Overload	150%RC
Rated Output	2mV/V±1%
Nonlinearity	0.012% RO
Hysteresis	0.012% RO
Repeatability	0.01% RO
Excitation Voltage	20V (or less)
Safe Excitation Voltage	30V
Input Resistance	1050Ω
Output Resistance	1050Ω
Compensated Temp.Range	-10 to 50°C
Safe Temp.Range	-30 to 80°C
Temp.Effect on Zero	0.0015%RO/°C
Temp.Effect on Output	0.0015%/°C
Connector (on body)	Φ6mm-4wire shielded cable, length: 5m



Micro Sensor Technology

SHOWA MEASURING INSTRUMENTS INC.

Tokyo Japan



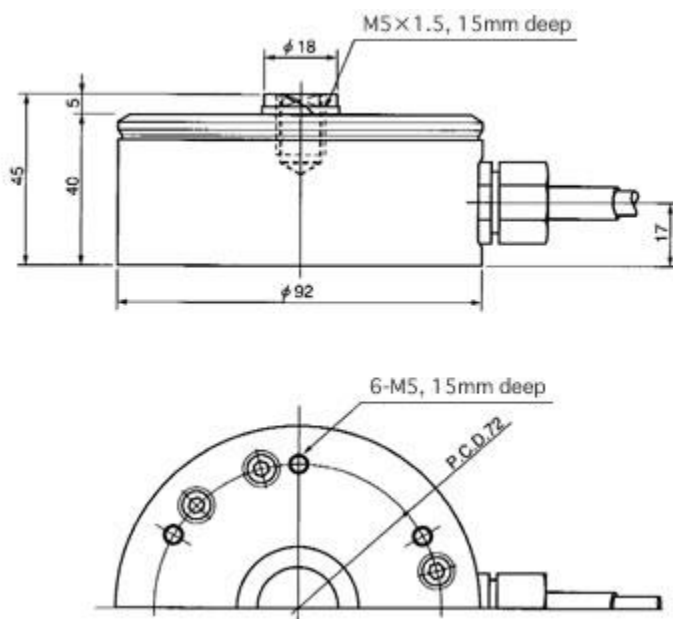
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Appearance Dimensions



Model and Capacity / Dimension / etc. (unit : mm)

Model	Capacity	Natural frequency	Weight
BUX-100N	100N	0.9kHz	0.9kg
BUX-200N	200N	1.2kHz	0.9kg
BUX-500N	500N	1.5kHz	0.9kg
BUX-1KN	1kN	2.3kHz	0.9kg
BUX-2KN	2kN	2.5kHz	1.0kg
BUX-5KN	5kN	3.1kHz	1.0kg



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