

"PSD" / Load Cell with amplifier

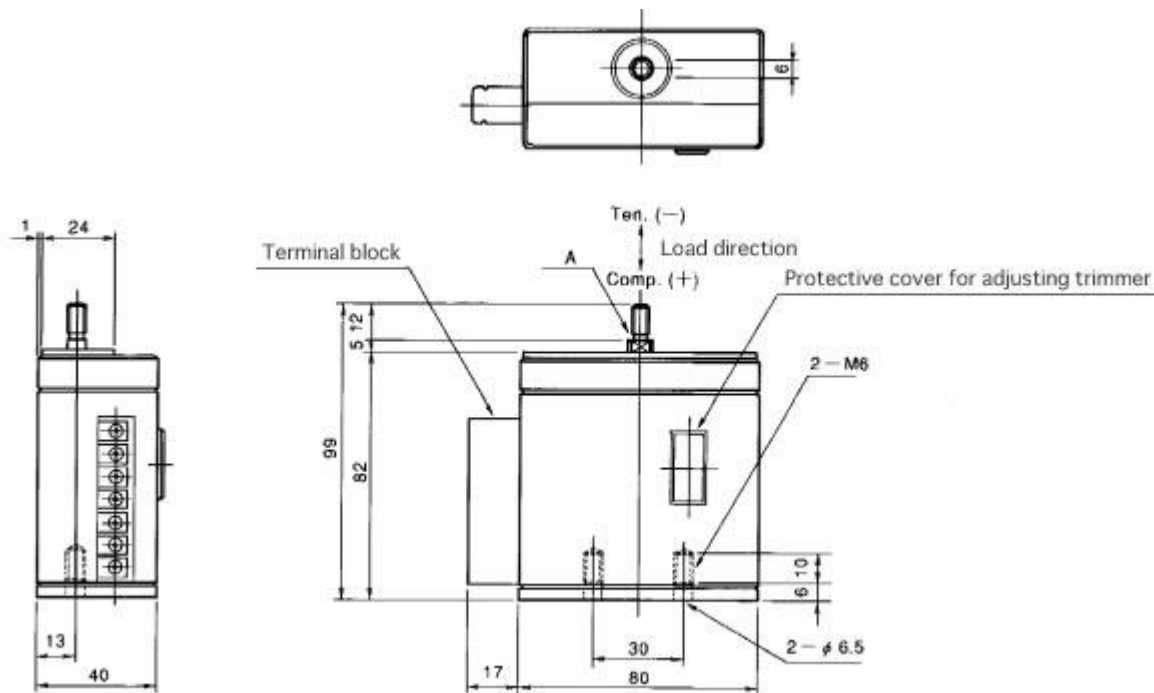


Features

- With built-in amplifier: Output to be +/- 10V. Low cost version.
- Input power supply: 12 V DC (10,5 to 15.5 V). 150 mA.
- Complete with span, zero, and tare adjusting trimmer.
- For both tension and compression applications. Excellent linearity: 0.2%RO.
- Meeting the low rated capacity requirement (2N to 100N).

Related products : ["DBV" / Loads Cell with amplifier](#)

Appearance Dimensions



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

Model	Capacity	A	Weight
PSD-2N	2N	M4	380g
PSD-5N	5N	M4	380g



PSD-20N	20N	M4	380g
PSD-100N	100N	M6	380g

Specifications

Safe Overload	150%RC
Rated Output	±10V (Minimum loading resistance : 2kΩ)
Nonlinearity	0.2%RO
Hysteresis	0.1%RO
Repeatability	0.1%RO
Input power supply	12V (10.5 to 15.5V) 150mA
Compensated Temp.Range	0 to 40°C
Safe Temp.Range	-10 to 50°C within 80%RH (Excluding condensations)
Temp.Effect on Zero	0.05%RO/°C
Temp.Effect on Output	0.03%/°C