

## "MR" / Small type

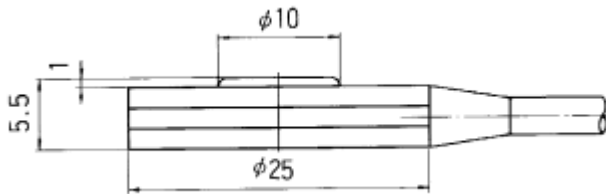


### Features

- Button type load cell with a wider loading area (10 mm dia.).
- Most suitable for the measurement of finger pressure sensibility.
- Low capacities (5N to 100N).
- Low cost.

*Related products : MRD / MRU / MRDT / MRS / MR-251 / Pressure sensor HV-556...*

### Appearance Dimensions



Model and Capacity / etc. (unit : mm)

Model	Capacity	Natural frequency	Weight
MR-5N	5N	1.6kHz	10g
MR-10N	10N	2.5kHz	10g
MR-20N	20N	4.1kHz	10g
MR-50N	50N	6.6kHz	10g
MR-100N	100N	9.5kHz	10g

- \* The weight indicated in this data sheet does not include the weight of cables.

## Specifications

Safe Overload	120%RC
Rated Output	1mV/V±20%
Nonlinearity	1%RO
Hysteresis	1%RO
Repeatability	0.5%RO
Excitation Voltage	2V (or less)
Safe Excitation Voltage	3V
Input Resistance	120Ω
Output Resistance	120Ω
Compensated Temp.Range	20 to 60°C
Safe Temp.Range	0 to 80°C
Temp.Effect on Zero	0.03%RO/°C
Temp.Effect on Output	0.03%/°C
Cable	Φ3mm-4wire shielded cable, length : 2m