

Aluminum alloy single point load cell

Features

- Weighing range: 0.5kg...5kg
- Compact size, stable performance
- Simple structure, easy to install
- Made of aluminum alloy, anodized surface

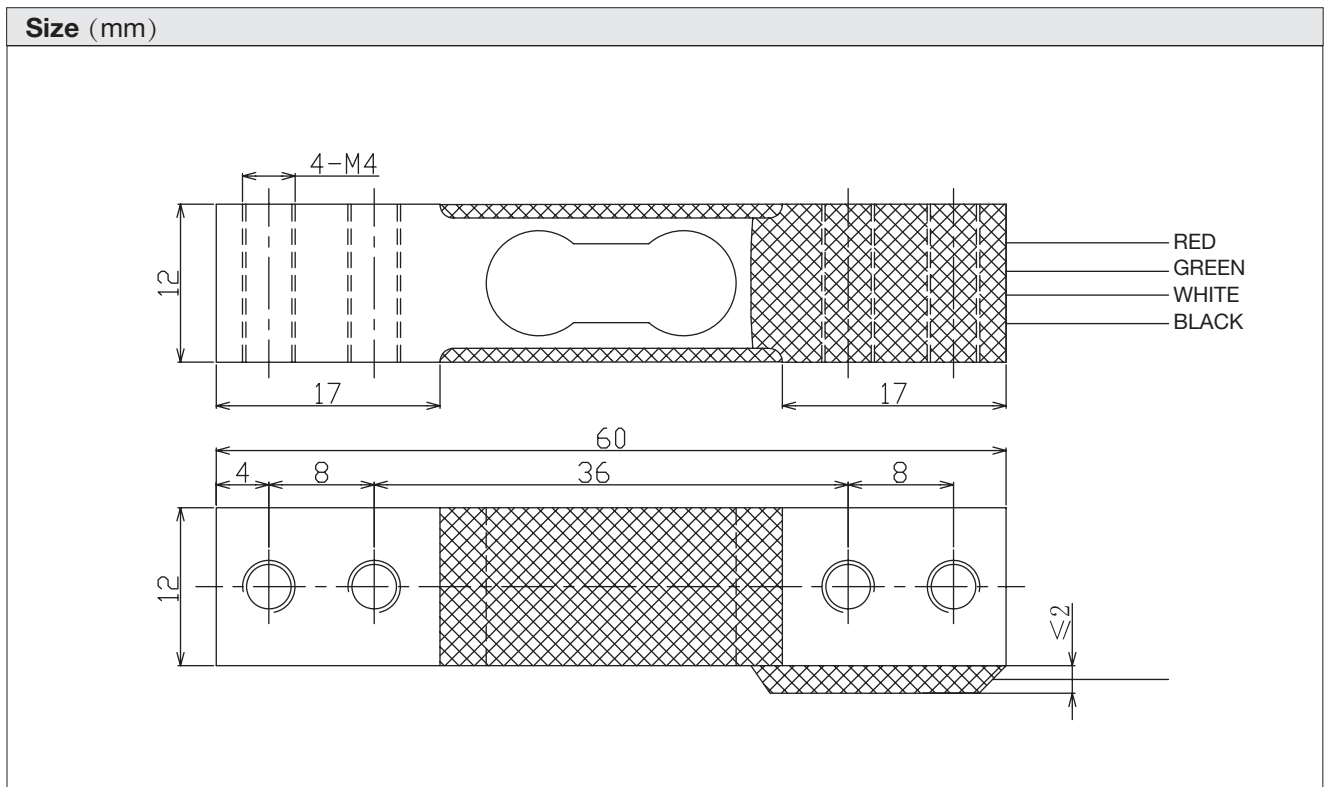
Application

- Electronic scales, retail scales
- Packaging machines, canning machines
- Weighing and force measurement in narrow spaces



Description

6012 is a small-range, compact single-point weighing sensor made of aluminum alloy, anodized surface, and IP65 protection grade. This sensor is suitable for electronic scales and small platform weighing applications.



6012 single point load cell

Product specifications		
Specification	Value	Unit
Rated load	0.5, 1, 2, 5	kg
Rated output	1.0	mV/V
Comprehensive Error	≤±0.05	%R.O.
Repeatability	≤±0.05	%R.O.
Creep (after 30 minutes)	≤±0.05	%R.O.
Zero output	≤±5	%R.O.
Normal operating temperature range	-10~+40	°C
Allowable operating temperature range	-20~+70	°C
Recommended excitation voltage	5-12	VDC
Input impedance	1000±10	Ω
Output impedance	1000±5	Ω
Insulation Resistance	≥3000 (50VDC)	MΩ
Safe overload	150	%R.C.
limited overload	200	%R.C.
Material	Aluminum	
Protection Class	IP65	
Cable length	40	mm

Product specifications are subject to change without notice.

Wiring

