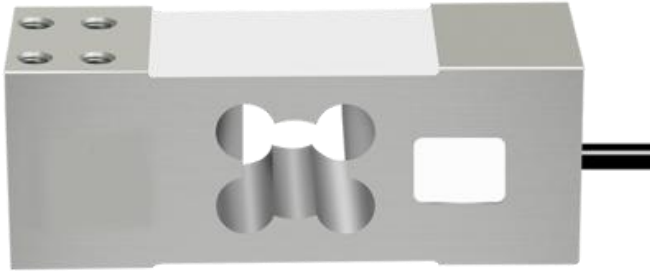


Single point load cell

Features



Capacity 60kg-1200kg

Weight scale load cell

Easy to install

Alloy aluminum construction

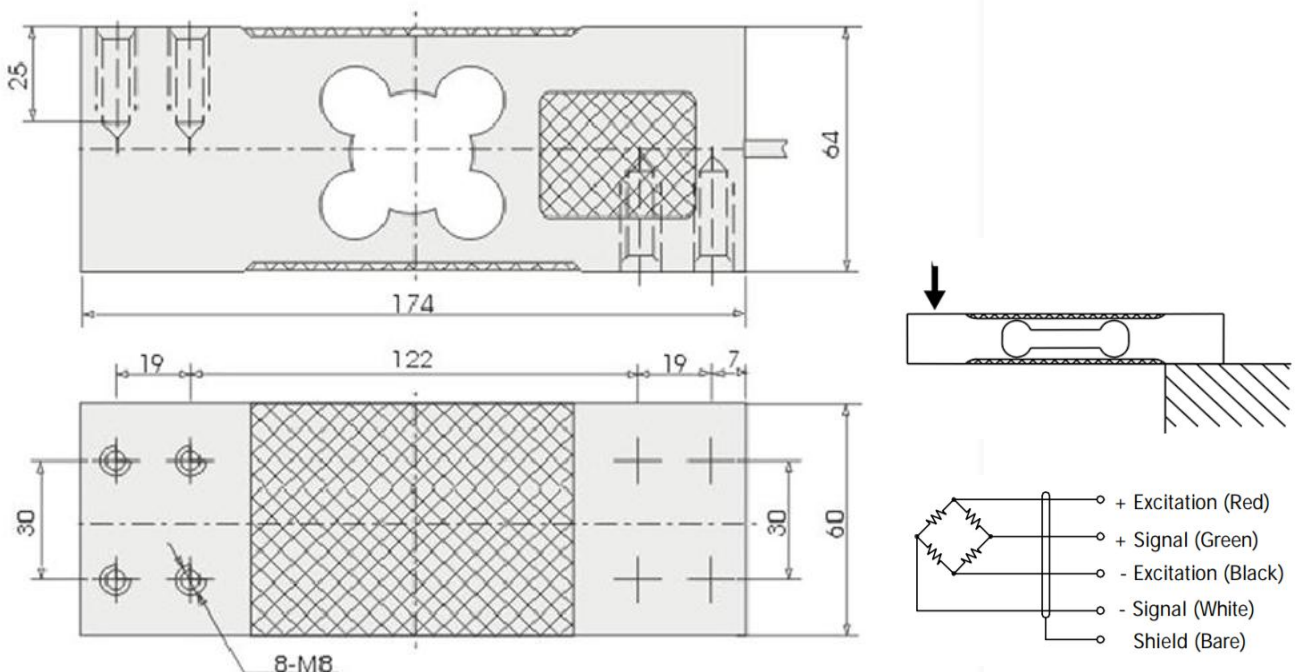
High accuracy

High stability

DESCRIPTION

The ZMPE single point load cell is a medium capacity weight sensor ideal for bench scales, platform scales and medical scales. Constructed from aluminium and environmentally sealed with potting compound to ensure durability. The PC60 is available in a wide range of capacities from 60kg through to 1200kg

DIMENSIONS (mm)



SPECIFICATIONS

PARAMETER	VALUE	UNIT
Standard capacities (E _{max})	60-1200	KG
Rated output-R.O.	2.0	mV/V
Zero balance	1	±% of rated output
Non linearity	0.03	±% of rated output
Hysteresis	0.03	±% of rated output
Non-repeatability	0.02	±% of rated output
Creep error (30 minutes)	0.03	±% of rated output
Zero return (30 minutes)	0.03	±% of rated output
Temperature effect on min. dead load output	0.0026	±% of rated output/°C
Temperature effect on sensitivity	0.0015	±% of rated output/°C
Compensated temperature range	-10 to +40	°C
Operating temperature range	-20 to +60	°C
Safe overload	150	% of R.C
Ultimate overload	200	% of R.C
Excitation, recommended	10	Vdc
Excitation, maximum	15	Vdc
Input resistance	370±20	Ohms
Output resistance	350±3	Ohms
Insulation resistance	5000	Mega-Ohms
Material	Alloy aluminum	
Protection class	IP66	

All specifications listed subject to change without notice.