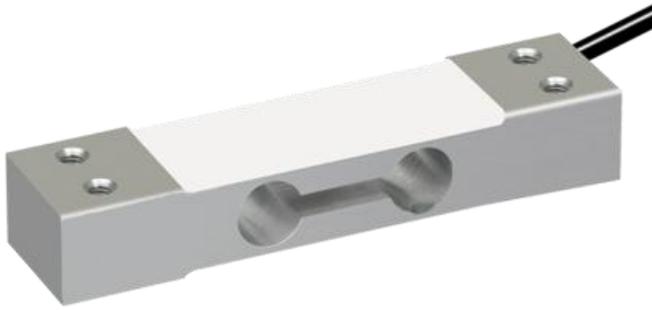


Single point load cell



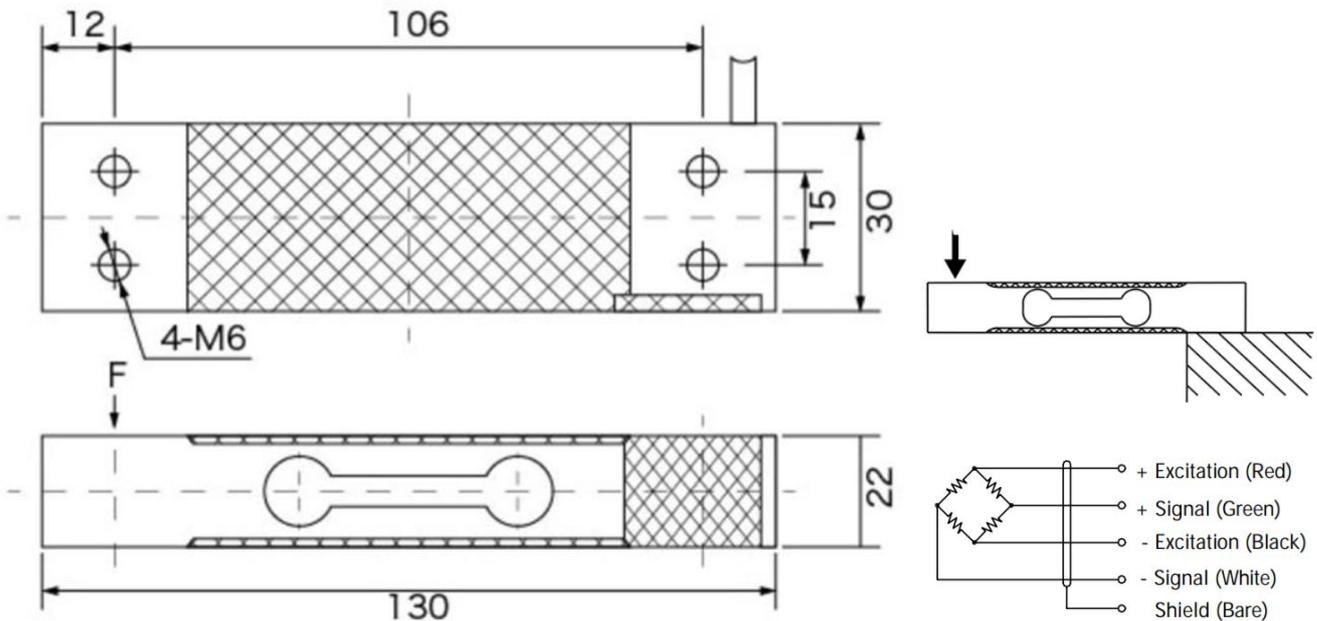
Features

- Capacity 3kg-120kg
- Weight scale load cell
- Easy to install
- Alloy aluminum construction
- High accuracy
- High stability

DESCRIPTION

The ZMPB is a compact, low capacity aluminium single point load cell ideal for a wide range of weighing applications. Environmentally sealed with potting compound to ensure durability. The industry standard size and mounting hole configuration makes the ZMPB ideal for new equipment manufacturer or as a replacement fitting.

DIMENSIONS (mm)



SPECIFICATIONS

PARAMETER	VALUE	UNIT
Standard capacities (E _{max})	3-120	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.