

# M14 M14i

## Single Point Load Cell



### SPECIFICATIONS

<b>Capacity</b> M14 - 5-100kg M14i - 15-200kg	<b>Sensitivity</b> 2.0±0.2mV/V	<b>Creep (10 Min)</b> 0.02% F.S.	<b>Input Resistance</b> 409±6Ω
<b>Material</b> M14 - Aluminum alloy M14i - 17-4Ph Stainless Steel	<b>Accuracy</b> C3	<b>Zero Output</b> ±2% Emax	<b>Non-linearity</b> ±0.017% Emax.
<b>Protection</b> M14 - IP65 M14i - IP67	<b>Overload Limitation</b> 150% F.S.	<b>Temperature Effect Zero</b> 0.17% F.S. / 10°C	<b>Non-Repeatability</b> ±0.01% Emax.
	<b>Output Resistance</b> 350±3Ω	<b>Temperature Effect Sensitivity</b> 0.014% F.S. / 10°C	<b>Recommended Excitation</b> 5-12VDC
	<b>Insulation Resistance</b> ≥5000mΩ (50V)		<b>Operating Temperature</b> -35-65°C

### FEATURES

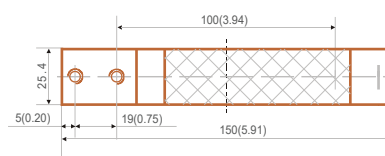
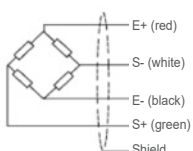
- ◆ M14-CE
- ◆ M14i-OIML/NTEP
- Capacity up to 200kg
- ◆ Aluminum alloy or 17-4Ph stainless steel material
- ◆ Default cable length is 3m, diameter is 5mm  
(Optional customized longer cable)
- ◆ Recommended platform: from 250\*250mm to 400\*400mm
- ◆ Interchangeable with below models:  
HMB\* PW15A, Mettler Toledo\* MT1041,  
Tedeia-Huntleigh\* 1041./1042/1142, Zemic\* L6N/B6N, Flintec\* PC42



### MODELS

<b>Part No.</b>	120015	120016	120017	120018	120019	120020	120021
<b>M14</b>	10kg	15kg	20kg	30kg	50kg	100kg	150kg
<b>Part No.</b>	120022	120023	120024	120025	120026	120027	120028
<b>M14i</b>	15kg	20kg	30kg	50kg	100kg	150kg	200kg
<b>Class</b>	C3						
<b>IP</b>	M14 - IP65   M14i - IP67						

### DIMENSION / mm(inch)



Weight: 0.4kg

