

M3

S-Type Load Cell

SPECIFICATIONS

| | | | |
|-------------------------|----------------------------------|--|-----------------------------------|
| Capacity 50-30000kg | Sensitivity 2.0±0.001mV/V | Creep (30 Min) 0.02% F.S. | Input Resistance 380±5Ω |
| Material Alloy steel | Overload Limitation 150% F.S. | Zero Output ±1% Emax | Recommended Excitation 5-12VDC |
| Protection IP67 | Output Resistance 350±2Ω | Temperature Effect Zero 0.017% F.S. / 10°C | Operating Temperature -35-65°C |
| Accuracy C3/N5 | Insulation Resistance ≥5000mΩ | Temperature Effect Sensitivity 0.014% F.S. / 10°C | |

FEATURES

- M3-CE
- Large capacity up to 30000kg
- Alloy steel material
- Easy to install and maintain
- Suitable for crane scales, hopper scales, etc.
- Default cable length is 4m, diameter is 5mm
(Optional customized longer cable)
- Interchangeable with below models: HMB* S35,
Mettler Toledo* SLS410, Celtron*STC, Revere*363, Zemic* H3/B3G, Flintec* PC60



MODELS

| | | | | | | | | |
|----------|--------|--------|--------|--------|--------|---------|---------|---------|
| Part No. | 120173 | 120174 | 120175 | 120176 | 120177 | | | |
| M3 | 50kg | 100kg | 200kg | 300kg | 500kg | | | |
| Part No. | 120178 | 120179 | 120180 | 120181 | 120182 | 120183 | 120184 | 120185 |
| M3 | 1000kg | 2000kg | 3000kg | 5000kg | 7500kg | 10000kg | 15000kg | 20000kg |
| Class | | | | | C3/N5 | | | |
| IP | | | | | IP67 | | | |

DIMENSION / mm

| Capacity | 100-500kg | 1t | 2-3t | 5t | 10t | 15-20t |
|-----------|-----------|------|------|-----|------|--------|
| H | 76.2 | 76.2 | 86 | 106 | 178 | 190 |
| L | 50.8 | 50.8 | 64 | 80 | 130 | 160 |
| W | 19 | 19 | 28 | 36 | 50.8 | 60 |
| M | M12 | M16 | M16 | M18 | M30 | M39 |
| weight/kg | 0.75 | 0.75 | 0.75 | 1.5 | 2.5 | 5 |

