

SCA106

Inline Load Cell



Size: mm

Range (kg)	M	Cable	weight
10-100kg	M6	Φ2	0.1kg
200-500kg	M8	Φ2	0.1kg

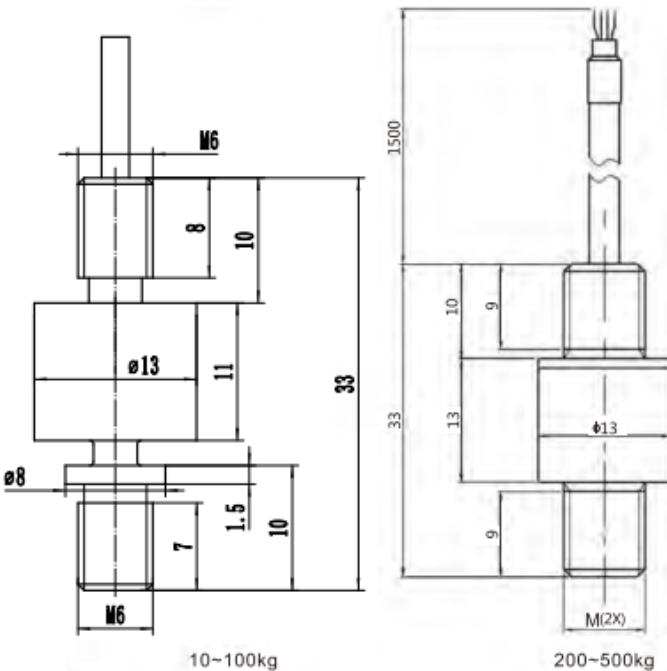
Features:

Tension and Compression sensor for limited space

Application: automobile compression, automatic assembly, 3C production, product testing, new energy product assembly, medical testing, machine making, mold assembly and other industrial testing.

Specification:

Capacity	50kg
Rated output	1.0 ± 20% mv/V
Zero output	± 5%F·S
Creep	0.1 %F·S/30min
Non-linearity	1 %F·S
Hysteresis error	0.5 %F·S
Repeatability	0.5 %F·S
Temp. effect on sensitivity	0.2 %F·S/10°C
Temp. effect on zero	0.2 %F·S/10°C
Response frequency	1KHz
Input resistance	350 /500/1000 Ω
Output resistance	350 /500/1000 Ω
Insulation resistance	≥ 5000 MΩ
Excitation voltage	5 ~10 VDC
Operating temp. range	-10~ + 40°C
Safe overload	120 %F·S
Ultimate overload	200%F·S
Sealing grade	IP66
Load cell material	stainless steel
Cable limit pull force	98N
Connecting cable	Φ2 x 2m



Wiring:

