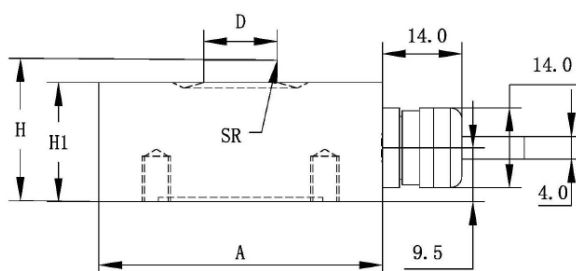
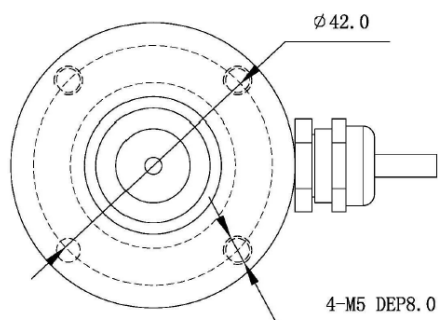


Compression Load Cell ME-7300



Feature:

- ◆ Adopt high-precision resistance strain principle;
- ◆ Meet force measurement in the range of 500 N to 150 kN;
- ◆ Stainless steel material with sealed welding, oil, water, corrosion resistant;
- ◆ Capsule structural design, pressure-bearing, easy to install;
- ◆ Safe and explosion-proof product suitable for harsh environments and dangerous situations;
- ◆ High dynamic response frequency;
- ◆ Small size, good appearance

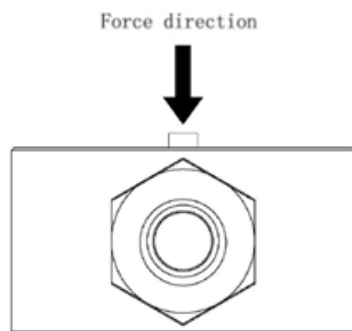


Range	A	H	H1	D	SR
500 N to 20 kN (50 kg to 200 kg)	50	25	21	13	85
50 kN (5000 kg)	51	25	21	16	100
100 kN to 150 kN (10 ton to 15 ton)	51	25	21	21	100

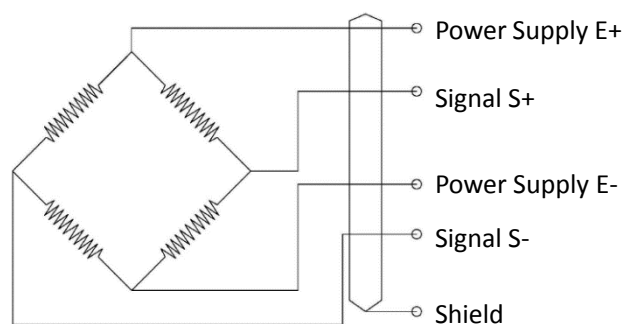
Technical Parameters:

Measuring range:	0 ~ (500 N to 150 kN) (50 kg to 15 ton)	Material:	Stainless steel
Accuracy:	0.5 % FSO	Rated output:	1.0 ~ 1.5 mV/V
Nominal excitation:	2.5 ~ 5 VDC	Maximum excitation:	10 V
Natural frequency:	≥ 5 kHz	Compensated temperature range:	-10 ~ 60 °C
Hysteresis:	0.5 % FSO	Operating temperature range:	-20 ~ 80 °C
Repeatability:	0.05 % FSO	Insulation:	≥ 5000 MΩ / 100 VDC
Input impedance:	350 (700) ± 5 Ω	Output impedance:	350 (700) ± 5 Ω
Creep (30 min):	0.1 % FSO	Temperature effect on output:	0.05 % FSO / 10 °C
Zero balance:	± 2 % FSO	Temperature effect on zero:	0.05 % FSO / 10 °C
Safe load limit:	150 %	Ultimate load limit:	200 %
Cable size:	Ø 4 x 3 m	Life time:	Full scale more than 1 million times
Wire connection:	Power supply E+: Red; Power supply E-: Black; Signal S+: Green; Signal S-: White		

Loading Mode:



Wiring Diagram:



Order Instruction:

Load Cell

Measuring Range (N)

500	1000	2000	5000	10000	20000	50000	100000	150000
500	1K	2K	5K	10K	20K	50K	100K	150K

Cable Length (m)

3 meter length	5 meter length
L3	L5

ME - 7300 - [] - []

* Dimension and measuring range can be customized by request.