

Specification

Model	TM-V100-AM
Rated Load (R. L.)	98.07kN (10tf)
Rated Output (R. O.)	1.0 ± 0.001mV/V
Nonlinearity	±0.2%R. O.
Hysteresis	±0.2%R. O.
Repeatability	0.03%R. O.
Recommended excitation	5~15V DC
Maximum excitation	20V DC
Zero balance	±1%R. O.
Input resistance	800 ± 40Ω
Output resistance	700 ± 30Ω
Temp. effect on zero	0.03%R. O./10°C
Temp. effect on output	0.05%LOAD/10°C
Compensated temp. range	-10~+60°C
Safe temp. range	-20~+90°C
Safe overload rating	400%R. L.
IP protection rating	Equivalent to IP67
Cable	φ7-4cores shield cable 10m
Mass	18kg

Painting	
Load cell	Munsell 2.5PB3.5/10

Force direction (A)
Compression

Wiring Color	
Red	+ EXC
White	- EXC
Green	+ Sig
Blue	- Sig
Yellow	Shield

Force direction (B)
Tension

Wiring Color	
Red	+ EXC
White	- EXC
Green	- Sig
Blue	+ Sig
Yellow	Shield

Outline drawing

