

Specification

Model	TM-V20AM	TM-V50AM
Rated Load (R. L.)	19.61kN (2tf)	49.03kN (5tf)
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	15kg	

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

