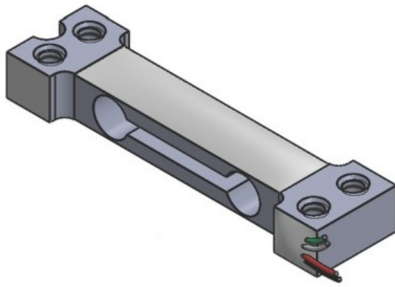


Delta Transducers

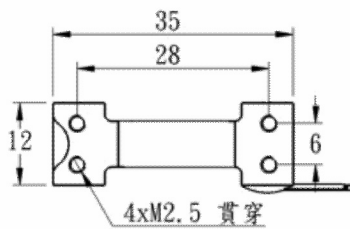
Model : AR14



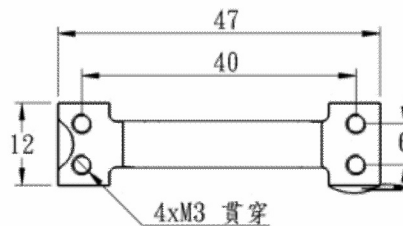
Features & Application

Small overall dimensions, range is big, small deformation, sensor special alloy aluminum materials. Apply to all sorts of small space in a wide range of load, are widely used in micro force test equipment etc. Measurement and control.

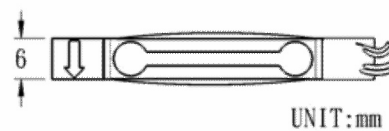
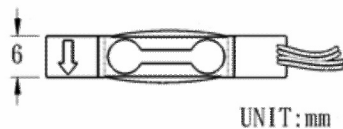
Mounting Dimension



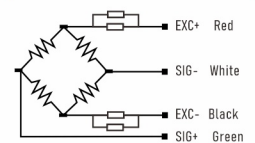
Model: AR14
Capacity: 100g
output: $\pm 1.0 \text{ mV/V}$
材質: 6061 鋁合金



Model: AR14-1
Capacity: 100/300/500g
output: $\pm 1.0 \text{ mV/V}$
材質: 6061 鋁合金



Wiring



Technical Parameters

Specifications	Technique
Rated load	100 , 300 , 500 g
Rated output	0.6-1.0 $\pm$ 2mV/V
Zero balance	$\pm$ 0.5 mV/V
Nonlinearity	$\pm$ 0.1% R.O.
Hysteresis	$\pm$ 0.1% R.O.
Repeatability	$\pm$ 0.1% R.O.
Creep error(30min.)	$\pm$ 0.1% R.O.
Safe overload	120%
Ultimate overload	150%
Compensated temp. range	-5°C to +40°C
Operating Temp. range	-5°C to +40°C
Temp. effect on span	0.1% R.O. / °C
Temp. effect on zero	0.1% R.O. / °C
Input Resistance	1000 Ω $\pm$ 10 Ω
Output Resistance	1000 Ω $\pm$ 10 Ω
Insulation resistance	$\geq$ 5000M Ω / 100VDC
Ingress Protection	IP65
Excitation voltage	3~5V DC/AC
Material	Aluminium alloy