

Delta Transducers

Model : ARI8-105

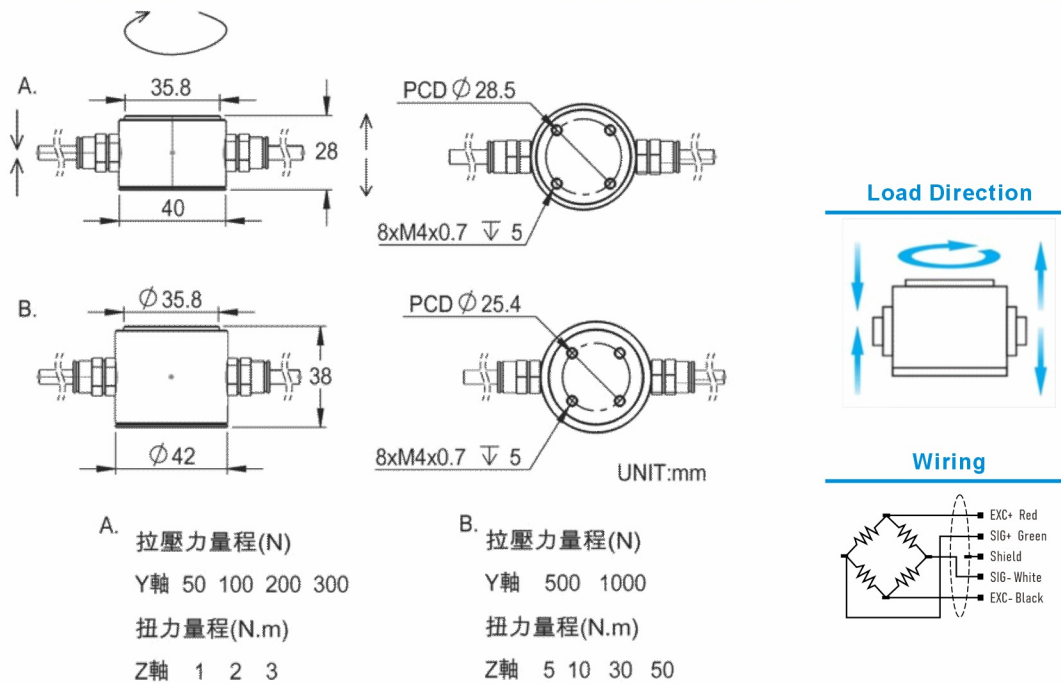


Features & Application

Compact structure, easy to install, protection grade:IP65, used for torque measurement of static and non continuous rotation.

It is widely used in static torque testing system of testing machine, torque wrench, steering machine, electric actuator, valve and transmission.

Mounting Dimension



Technical Parameters

Specifications	Technique
Rated load	50 , 100 , 200 , 300 , 500 , 1000 N
Rated output	2.0±10% mV/V
Zero balance	±2% F.S.
Non-linearity	0.1%F.S.
Hysteresis	0.1%F.S.
Repeatability	0.1%F.S.
Creep error(30min.)	0.05% F.S.
Safe overload	120% F.S.
Ultimate overload	200% F.S.
Compensated temp. range	-20~80°C
Temp. effect on span	0.5% F.S. / 10°C
Temp. effect on zero	0.5% F.S. / 10°C
Impedance	350Ω
Excitation voltage	5~10V
Insulation resistance	≥5000MΩ / 100VDC
Cable	Ø3X2m