Non-rotating Torque Sensor

LTM

- Capacities : 100N･m...1kN･m
- Wide capacitiy range
- Custom made available



Model

Rated Capacity

LTM- □

10KM	100N･m (10.2kgf･m)
50KM	500N･m (51kgf･m)
100KM	1kN･m (102kgf･m)

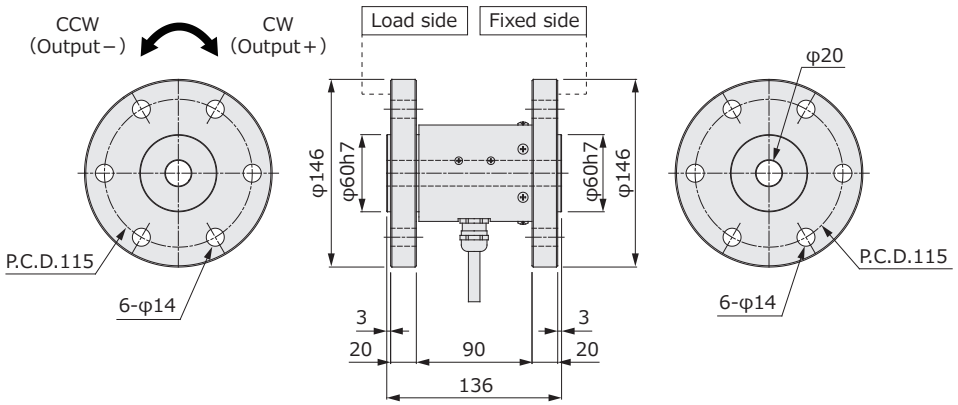
Specifications

Rated output (R.O.)	1mV/V
Rated output tolerance	±1%R.O.
Zero balance	±5%R.O.
Nonlinearity	±0.3%R.O.
Hysteresis	±0.3%R.O.
Repeatability	±0.2%R.O.
Temperature effect on zero	±0.01%R.O./℃
Temperature effect on output	±0.01%LOAD/℃
Temperature range, compensated	−10℃～+50℃
Temperature range, safe	−20℃～+60℃
Maximum safe overload	120%R.C.
Excitation, recommended	10V
Excitation, maximum	15V
Input impedance (approx.)	350Ω～400Ω
Output impedance (approx.)	350Ω±10Ω
Insulation resistance	>1000MΩ (B/E DC50V)
Cable type	φ9, 4-wire, PVC, braid shield
Cable length	3m
Construction	Alloy steel
Weight (approx.)	6.4kg

Cable color code

Item	Color
Excitation＋	Red
Excitation−	White
Signal output＋	Green
Signal output−	Black
Shield	Yellow

Outline dimensions (mm)



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