LSG-A

Grip-design Steering Operation Force Transducer



Specifications

Steering Operation Force

Rated Capacity	±30 N, ±200 N
Rated Output	1.4 mV/V or more
Nonlinearity	Within ±1% RO
Hysteresis	Within ±1% RO
Safe Overloads	150%
Input Resistance	240 Ω ±3%
Output Resistance	240 Ω ±3%

General

Safe Excitation	10 V AC or DC
Recommended Excitation	1 to 5 V AC or DC
Safe Temperature	0 to 60°C
Compensated Temperature	0 to 50°C
Temperature Effect on Zero	Within ±0.1% RO/°C
Temperature Effect on Output	Within ±0.1%/°C
Cable	4-conductor (0.05 mm²) vinyl shielded cable, 2.5 mm diameter by 40 cm long, terminated with a connector plug R05-PB5M
Weight	Approx. 160 g (±30 N)
	Approx. 240 g (±200 N)

Standard Accessories

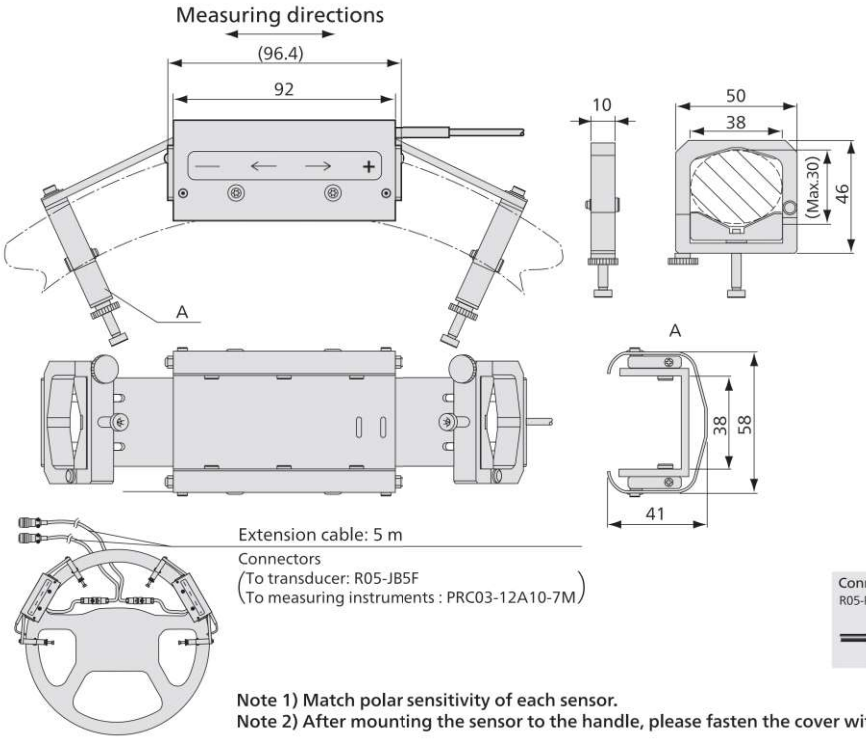
Extension cable: 4-conductor (0.08 mm²) heat-resistant vinyl shielded cable, 3.2 mm diameter by 5 m long, terminated with connector plugs at both ends (Measuring instrument side: PRC03-12A10-7M)

Measures the steering operation force by mounting sensors on a steering wheel.

- Lightweight design reduces effect of transducer on moment of inertia.
- Shorten preparation time of measurement
- Does not obstruct activation of airbag.

*For wireless operation, contact us.

Dimensions



Note 1) Match polar sensitivity of each sensor.
Note 2) After mounting the sensor to the handle, please fasten the cover with attached bolts.

●Dynamic measurement

LSG-A Recommended products for combination
Digital Telemeter MRS-100 Serie → 3-13
Universal Recorder EDX-200A → 3-57
Universal Recorder EDX-100A → 3-65
Memory Recorder/Analyzer EDX-5000A → 3-69