LSG-A

Grip-design Steering Operation Force Transducer



Specifications

Performance	
Rated Capacity	See table below.
Nonlinearity	Within ±1% RO
Hysteresis	Within ±1% RO
Rated Output	See table below.
Environmental Characteristics	
Safe Temperature	0 to 60℃
Compensated Temperature	0 to 50℃
Temperature Effect on Zero	Within ±0.1% RO/℃
Electrical Characteristics	
Safe Excitation	10 V AC or DC
Recommended Excitation	1 to 5 V AC or DC
Input Resistance	240 Ω ±5%
Output Resistance	240 Ω ±5%
Cable	4-conductor (0.05 mm²) vinyl shielded cable, 2.5 mm diameter by 40 cm long, terminated with a connector plug R05-PB5M
Mechanical Properties	
Safe Overloads	150%
Weight	See table below.

*Specifications and design are subject to change without notice.
*Please contact us for information on product warranties.

Attach sensors to steering wheels without blocking airbags

- Rated capacity: ±30, 200 N
- Can be used with steering angle transducers
- Easy to attach/remove for quicker setup

Steering transducers that measure operating force using a sensor attached to an existing steering wheel.

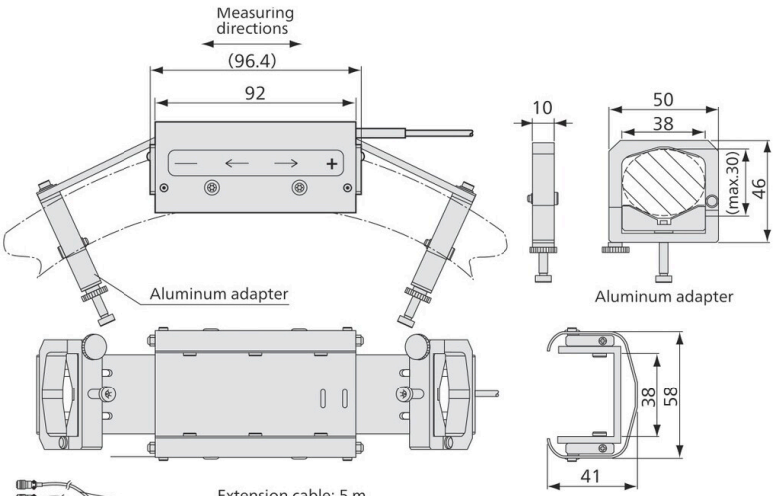
■Standard Accessories Extension cable: 4-conductor (0.08 mm²) heat-resistant vinyl shielded cable, 3.2 mm diameter by 5 m long, terminated with connector plugs at both ends (Measuring instrument side: PRC03-12A10-7M)

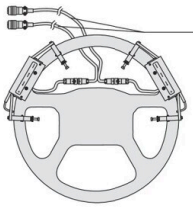
■Models

Model	Rated Capacity	Rated Output	Weight (Approx.)
LSG-A-30NSA	±30 N	1.4 mV/V or more	210 g
LSG-A-200NSA	±200 N	1.0 mV/V or more	240 g

*Wireless option is also available. Please contact us.

■Dimensions





*Match polar sensitivity of each sensor.

Connector plug (standard)
R05-PB5M

