

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
Nonlinearity	Within ±1%RO
Safe Overloads	150%
Input Resistance	240 Ω ±3%
Output Resistance	240 Ω ±3%

General

Recommended Excitation	1 to 5 V AC or DC
Safe Excitation	10 V AC or DC
Compensated Temperature	0 to 50°C
Safe Temperature	0 to 60°C
Temperature Effect on Zero	Within ±0.1%RO/°C
Temperature Effect on Output	Within ±0.1%RO/°C
Cable	4-conductor (0.05 mm ²) vinyl shielded cable, approx. 2.5 mm diameter by 40 cm long terminated with a connector plug R05-PB5M
Weight	Approx. 160 g for ±30 N, approx. 240 g for ±200 N

Standard Accessories

Extension cable: 4-conductor (0.08 mm²), heat resistant vinyl shielded cable, 3.2 mm diameter, 5 m long, the connector to measuring instruments is PRC03-12A10-7M.

To evaluate the steering operation force from hand to steering wheel

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

Dimensions

