LPR-C

Thin Pedal Force Transducer

NEW

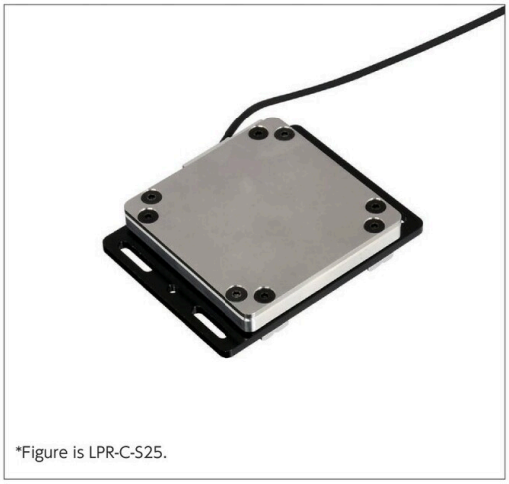


*Figure is LPR-C-S25.

Specifications

Performance	
Rated Capacity	See table below.
Nonlinearity	Within ±0.3% RO
Hysteresis	Within ±0.3% RO
Rated Output	See table below.
Environmental Characteristics	
Safe Temperature	-10 to 70°C (Non-freezing or Non-condensing)
Compensated Temperature	0 to 50°C (Non-freezing or Non-condensing)
Temperature Effect on Zero	Within ±0.05% RO/°C
Electrical Characteristics	
Safe Excitation	8 V AC or DC
Recommended Excitation	1 to 5 V AC or DC
Input Resistance	240 Ω ±3%
Output Resistance	240 Ω ±3%
Cable	4-conductor (0.05 mm²) heat-resistant vinyl shielded cable,
	2.5 mm diameter by 3 m long, terminated with a connector plug
	PRC03-12A10-7M (Shield wire is not connected to the case.)
Mechanical Properties	
Safe Overloads	150% (2 kN: 120%)
Degree of Protection	IP20 (JIS C 0920/IEC 60529)
Material	Aluminum alloy
Enclosure	Alumite treatment (loading surface and mounting surface)
Weight	Approx. 110 g (Excluding cable and accessories)

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

Easy to attach with minimal output errors introduced due to load position

- **Rated capacity: 200 N to 2 kN**
- **Thin (12 mm high)**

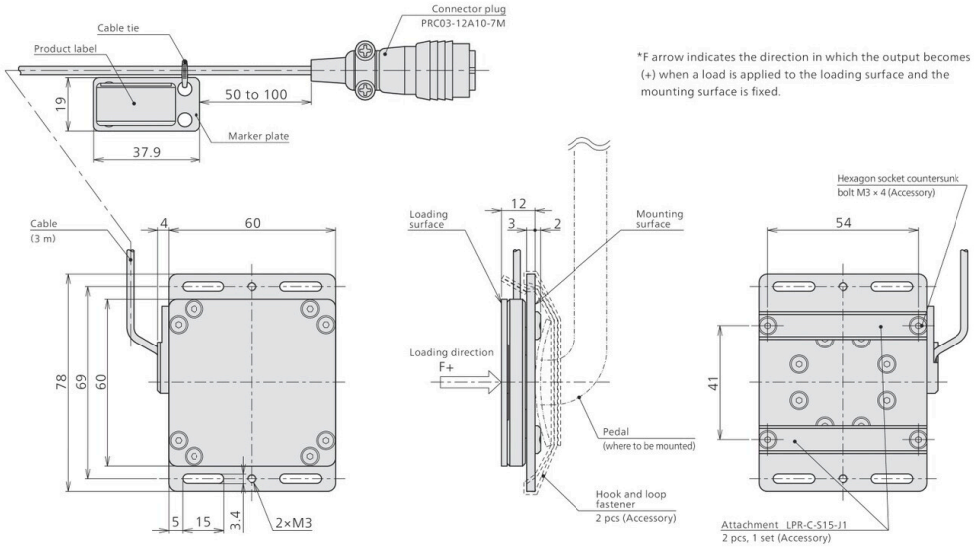
Pedal force transducers is easy to install and can be attached to various shapes of brake pedals. They can be secured to measurement targets of various shapes using a bolt or Velcro tape.

*The appearance of the LPR-C-2KNS15 is different.

Models

Model	Rated Capacity	Rated Output
LPR-C-02KNS25	200 N	0.6 mV/V or more
LPR-C-03KNS25	300 N	0.9 mV/V or more
LPR-C-05KNS25	500 N	1.5 mV/V or more
LPR-C-1KNS25	1 kN	Approx. 0.9 mV/V
LPR-C-2KNS15	2 kN	Approx. 1.8 mV/V

Dimensions



LPR-C-S25

Connector plug (standard)
PRC03-12A10-7M

