AUTOMOTIVE TEST EQUIPMENT

CLPR

Thin Pedaling Force Transducers

CLPR-A-S10

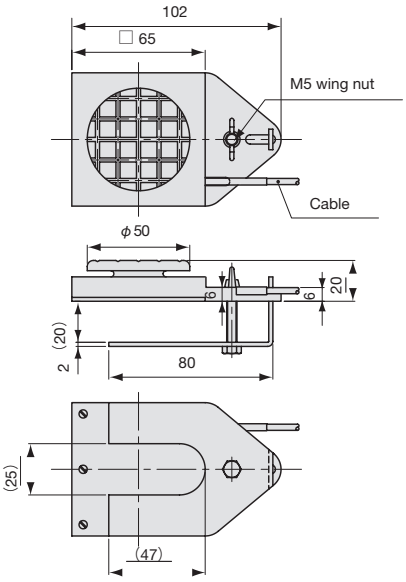
Thin and Lightweight Design
Minimal Error among Different Pedaling Modes

CLPR series pedaling force transducers are designed to measure pedaling force of automobiles, etc.

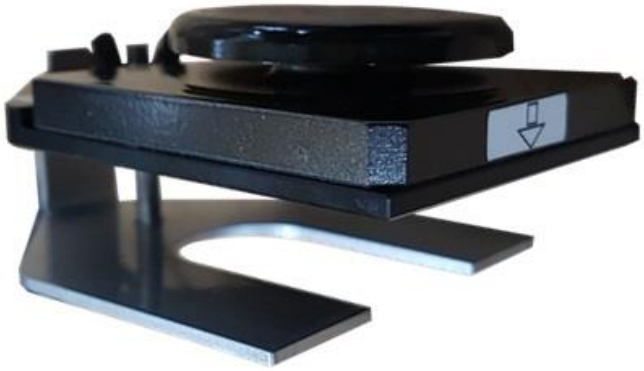
Specifications

Performance	CLPR-A-S10
Rated Capacity :	Refer to table below
Nonlinearity :	Within ±0.5%RO
Hysteresis :	Within ±0.5%RO
Rated Output :	1mV/V (2000μm/m)

Environmental Characteristics	
Safe Temp. Range :	-20 to 80℃ (noncondensing)
Compensated Temp. Range :	-10 to 40℃ (noncondensing)
Temperature Effect on Zero :	Within ±0.1%RO/℃
Temperature Effect on Output :	Within ±0.1%/℃
Electrical Characteristics	
Safe Excitation Voltage :	15V AC or DC
Recommended Excitation Voltage :	1 to 10 V AC or DC
Input Resistance :	350Ω±2%
Output Resistance :	350Ω±2%
Cable :	4-conductor (0.05mm²) chloroprene shielded cable, 3mm diameter by 3m long
Mechanical Properties	
Safe Overload Rating :	150%
Weight :	Approx. 250g



CLPR-A-S10



Model	Rated Capacity
CLPR-A-03KNS10	300N
CLPR-A-05KNS10	500N
CLPR-A-1KNS10	1kN
CLPR-A-2KNS10	2kN