

## Hand Brake Operating Force Transducer



## Specifications

## Performance

Rated Capacity	Models	Rated Capacity
	LB-50KB	500 N
	LB-100KB	1 kN
Nonlinearity	Within $\pm 1\%$ RO	
Hysteresis	Within $\pm 1\%$ RO	
Repeatability	1%RO or less	
Rated Output	1 to 2 mV/V	

## Electrical Characteristics

Safe Excitation	10 V AC or DC
Recommended Excitation	1 to 5 V AC or DC
Input Resistance	$350 \Omega \pm 1\%$
Output Resistance	$350 \Omega \pm 1\%$
Cable	4-conductor (0.3 mm <sup>2</sup> ) chloroprene shielded cable, 7.6 mm diameter by 5 m long, terminated with a connector plug PRC03-12A10-7M (Shield wire is connected to the case.)

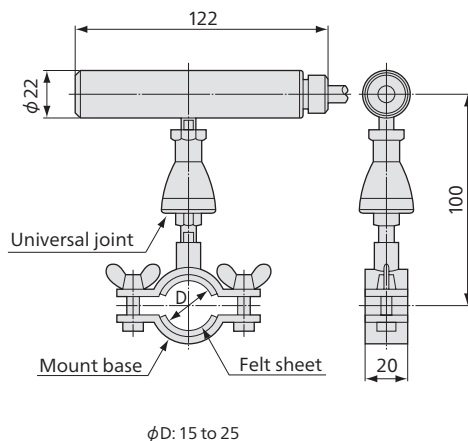
## Mechanical Properties

Safe Overloads	120%
Weight	Approx. 800 g

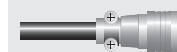
## Easy to install to hand brakes on the market

The LB-B is a load cell to measure tension of hand brakes. Adopting a universal joint, the transducer measures accurately.

## ■ Dimensions



Connector plug  
PRC03-12A10-7M



LB-B  
Recommended  
products for  
combination



Universal Recorder  
EDX-200A  
→ 3-55



Universal Recorder  
EDX-100A  
→ 3-63



Memory Recorder/Analyzer  
EDX-5000A  
→ 3-68



Compact Digital Indicator  
WDS-180A  
→ 3-116