
SA-BS05-000**Pedal force sensor**

**Key Features:**

- Measuring the force applied to the brake pedal
- For forces up to 1500 N
- Force measured by strain gauge system with integral amplification
- Offset and amplification adjustable within narrow limits
- Easy mounting using a strap

Optional

The pedal force sensor can be mounted on the hand-brake lever of a car as well. For this you need the handbrake strap (AC-handbrake-strap-000).



SA-BS05-000

Pedal force sensor

Technical specifications

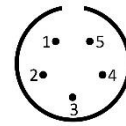
Electrical characteristics			Environmental data		
Supply voltage	V	12-24	Ambient operating range	°C	-10 to +50
Current consumption	mA	20	Humidity	%	5 to 95
Output	VDC	0-5	Protection class		IP 65
Nominal load range	N	1500	Vibration resistance		
Overload limit	N	1800	Shock	G	40
Accuracy	% FS	±0.5	During time period of	ms	10
Mechanical characteristics			Vibration tested @	G	12
Housing material		Aluminum	Measured with	Hz	1000
Weight	g	220	Ordering information		
Cable			Pedal force sensor		SA-BS05-000
length	mm	2500	Handbrake strap		AC-handbrake-strap-000
Connector type					
Standard		Binder 719, 5PM			
Other options		On request			
Dimensions	mm ³	50x70x27			

Connector layout

Connector type

Binder 719 5PM

Pin	Name	Description	Color
1	GND	Ground	white
2	n.c.	Not connected	
3	Vext	Power supply	brown
4	n.c.	Not connected	
5	Signal	Signal output	green



Front view