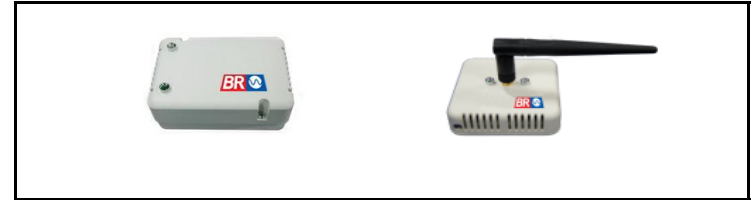


Force (Fo) (Load Cell Force) 0 - 39.2N (For Detection, not measurement) Smart Box

Product Codes: FoLoSB1092

The Force Smart Box is designed for the detection of force or to sense the presence of a small object.



Sensor Specifications

Measurement Type	Force
Operating Temperature	10 to 40°C
Storage Temperature	10 to 40°C
Measurement Range	0 to 39.2 N
Response Time, (Sensitivity)	N/A
Repeatability	N/A
Accuracy	N/A
Life Expectancy	100,000 actuations
Sensor Type	Load Cell Force
Sensor Cable Length	N/A
Certified	No

Smart Box Specifications

Operating Temperature	-40°C to +85°C
Storage Temperature	-40 to 105°C
Air Data Rate	250 kb per second
Channels	16 (IEE 802.15.4 channels 11-26)
Hardware Supported Encryption	AES128
Analogue Digital Resolution	Up to 12 bits
Sample time for 12 bit conversion	680µs

Power Supply Option

Standard PSU mains
Water Resistant PSU mains
Battery 9V (Replaceable)
Battery (Rechargeable)
Solar & Battery (Rechargeable)

Smart Box Housing IP Rating

Indoor	IP50
Outdoor Splash proof	IP51
Outdoor - water jet	IP65
Outdoor - Immersion	Contact Us
Outdoor Explosion Proof	Contact Us



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Antenna Options (Range)		Code
Internal	(60m)	i
Large	(700m)	L
Right-Angle	(300m)	R
Small Stub	(300m)	S