

Rotary (Rot) (Motion) mechanical Travel 360° (Effective Electrical Travel 345°) Smart Box

Product Codes: RoMoSB1122

The Rotary Smart Box is designed to measuring rotations.



Sensor Specifications	
Measurement Type	Input (Rotary)
Operating Temperature	N/A
Storage Temperature	N/A
Measurement Range	Mechanical Travel 360°, Effective Electrical Travel 345°
Response Time, (Sensitivity)	N/A
Repeatability	N/A
Accuracy	N/A
Life Expectancy	50 million actuations
Sensor Type	Motion
Sensor Cable Length	N/A
Certified	No

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

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