

Slider (Sli) (Motion) 60mm travel of the slider (Operating Temperature: -25°C to 70°C) Smart Box

Product Codes: SIMoSB1116

The Slider Smart Box is designed to measure linearly position via the slider.



Sensor Specifications

| | |
|------------------------------|----------------------------|
| Measurement Type | Input (Slider) |
| Operating Temperature | -25 to 70°C |
| Storage Temperature | -25 to 70°C |
| Measurement Range | 60 mm travel of the slider |
| Response Time, (Sensitivity) | N/A |
| Repeatability | N/A |
| Accuracy | N/A |
| Life Expectancy | N/A |
| Sensor Type | Motion |
| 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

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|--------------------------------|
| 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 |



British Research Unit 4,
Vale Enterprise Centre, Hayes Rd.,
Sully, Vale of Glamorgan, CF64 5SY UK
Tel. 0044 (0) 1446 734012
Fax. 0044 (0) 5601 258134
Web: www.britishresearch.com

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