Liquid (Liq) (Flow) 0.01 … 10 m/s (<3% current measuring value) Smart Box

Product Codes: LiFlSB1006

The Liquid Flow Smart Box is designed for the measuring of mass flow of liquid.



Sensor Specifications	
Measurement Type	Thermal
Operating Temperature	-30 to +150°C
Storage Temperature	-30 to +150°C
Measurement Range	0.01 … 10m/s
Response Time, (Sensitivity)	< 100 ms
Repeatability	N/A
Accuracy	<3% current measuring value
Life Expectancy	N/A
Sensor Type	Flow
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

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

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