

ecoBolt Continuous Steam Trap Monitor

MSB-1C, MSB-1.2C

Market-Specific Data

Supplement to Installation Instructions 851089

Foreword

This supplement contains information that differs from the Installation Instructions below and is only valid in conjunction with the installation instructions

Applicable documents

Installation Instructions	BAN 851089
Data Sheet	DBL 851090

Availability

Keep this manual together with the plant documentation for future reference. Make sure that this installation & operating manual is available to the operator. The installation & operating manual is part of the equipment. Please hand over this installation & operating manual when selling the equipment or passing it on.

For any questions on market specific data please contact your local sales representative.

www.gestra.com

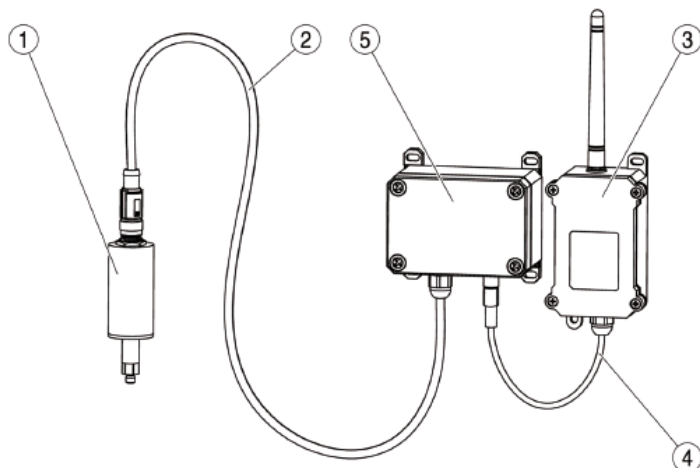


Market-Specific Data

Marking

Different information on marking according to name plates.

Spare Parts



No.	Designation	Stock code	
		MSB-1C	MSB-1.2C
1	Sensor MSBS-1	442261	
2, 5	Pre-amplifier MSBA... with connecting cable	442298	442299
3, 4	LoRa Node MSBN-1C AS923-1 with connecting cable	442338	
3, 4	LoRa Node MSBN-1C KR920 with connecting cable	442339	
3, 4	LoRa Node MSBN-1C AU915 with connecting cable	442340	

Electrical Data

The country-specific allocation of LoRa frequencies can be found e.g. on the websites of the LoRa Alliance.

Assembly	Wireless device class	Maximum output power	Frequency range LoRaWAN network protocol
MSBN-1C AS923-1	LoRaWAN Class A	+14 dBm / 25 mW	915 - 928 MHz
MSBN-1C KR920	LoRaWAN Class A	+14 dBm / 25 mW	920 - 923 MHz
MSBN-1C AU915	LoRaWAN Class A	+20 dBm / 100 mW	915 - 928 MHz

Detection range

Depending on installation location and gateway position. (Up to 3 km in urban areas, up to 10 km in rural areas)



You can find our authorized agents around the world at: www.gestra.com

GESTRA AG
Münchener Straße 77
28215 Bremen
Germany

Phone +49 421 3503-0
e-mail info@de.gestra.com
Web www.gestra.com

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