



## MCF-LW13IO

### LoRaWAN™ wireless actuator

This device can transmit the status of its input and control the output through the LoRaWAN™ network. Can be used for industrial process control and home automation, water treatment, agriculture irrigation and similar applications.

 LoRa Alliance Certified™

### Characteristics:

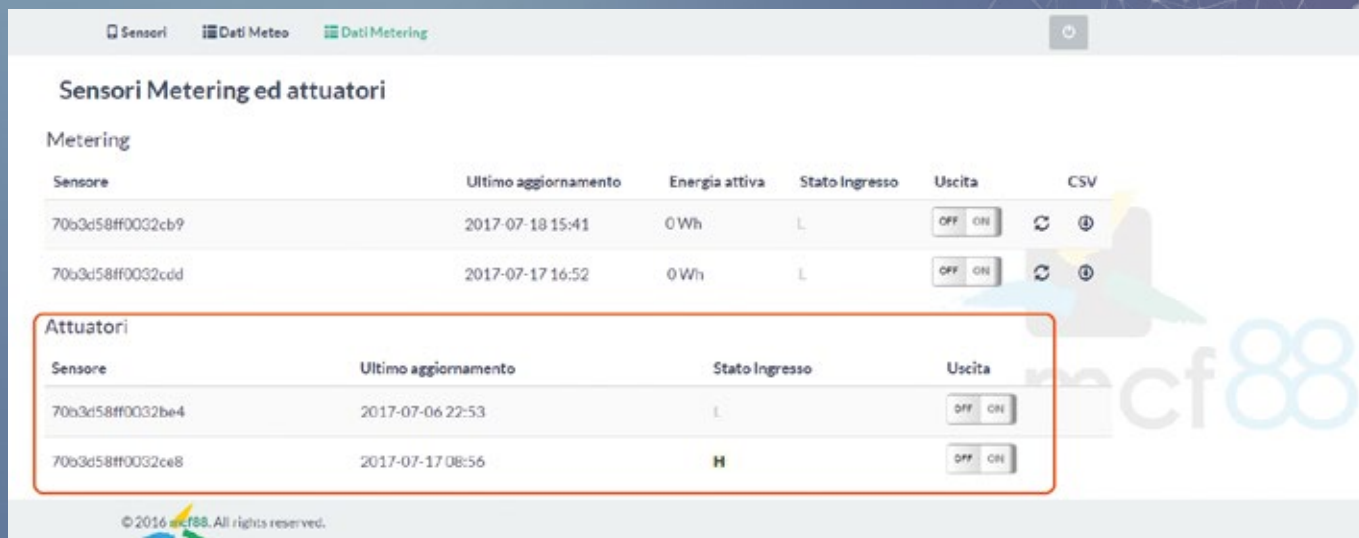
- CPU Cortex M0+
- RTC
- EEPROM 32KB
- Flash 64KB
- Encryption AES 128 bit
- Class C LoRaWAN™ stack EU868, AS923
- 1 opto-isolated input, 230Vac
- 1 relay output with COM, NO, NC contacts, 8Amp@230Vac
- NFC for IoT node setup and FW upgrade
- Power supply from AC line
- Storage temperature range -20 + 80C°
- Working temperature range -10 + 70C°
- Dimension: 58x44x25mm

### Applications:

- Monitoring of a remote input
- Managing of a remote actuator

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The screenshot displays a web interface for managing sensors and actuators. At the top, there are navigation tabs for 'Sensori', 'Dati Meteo', and 'Dati Metering'. The main heading is 'Sensori Metering ed attuatori'. Below this, there are two sections: 'Metering' and 'Attuatori'. The 'Metering' section contains a table with columns for 'Sensore', 'Ultimo aggiornamento', 'Energia attiva', 'Stato Ingresso', 'Uscita', and 'CSV'. The 'Attuatori' section contains a table with columns for 'Sensore', 'Ultimo aggiornamento', 'Stato Ingresso', and 'Uscita'. A red box highlights the 'Attuatori' table.

Sensore	Ultimo aggiornamento	Energia attiva	Stato Ingresso	Uscita	CSV
70b3d58ff0032cb9	2017-07-18 15:41	0 Wh	L	<input type="checkbox"/> OFF <input type="checkbox"/> ON	<input type="checkbox"/> <input type="checkbox"/>
70b3d58ff0032cdd	2017-07-17 16:52	0 Wh	L	<input type="checkbox"/> OFF <input type="checkbox"/> ON	<input type="checkbox"/> <input type="checkbox"/>

Sensore	Ultimo aggiornamento	Stato Ingresso	Uscita
70b3d58ff0032be4	2017-07-06 22:53	L	<input type="checkbox"/> OFF <input type="checkbox"/> ON
70b3d58ff0032ce8	2017-07-17 08:56	H	<input type="checkbox"/> OFF <input type="checkbox"/> ON

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