

EnOcean Equipment Profiles

REVISION HISTORY

Ver.	Editor	Change	Date
2.6.8	NM	Last xml edition of the EEP-Specification	Dec 31, 2017

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System Specification



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A5-10: Room Operating Panel

RORG	A5	4BS Telegram
FUNC	10	Room Operating Panel
TYPE	20	Temperature and Set Point with Special Heating States

Submitter: MSR-Solutions GmbH, Wangen i.Allg.

Description:
Set Point for Heating Control, Temperature, User Activity.

This EEP defines a Room Operating Panel that contains a sensor for temperature measurement. The set point selector knob determines the desired room temperature with the ability to set special set point modes for heating control. User activity and the sensor's battery state are indicated in the telegram.

Data exchange

Direction: unidirectional

Addressing: broadcast

Communication trigger: event- & time-triggered

Communication interval: 1200 s

Trigger event: change of any input signal

Tx delay: n/a

Rx timeout: 0 ms (minimum time between two received messages)

Teach-in method: 4BS teach-in 2 / Universal teach-in

Security Encryption supported: no

Security level format: -

Offset	Size	Bitrange	Data	ShortCut	Description	Valid Range	Scale	Unit
0	8	DB3.7...DB3.0	Set Point	SP	Set point (linear) Min.- ... Max+	0...255	0...255	N/A
8	8	DB2.7...DB2.0	Not Used (= 0)					
16	8	DB1.7...DB1.0	Temperature	TMP	Temperature (linear)	0...250	0...+40	°C
24	1	DB0.7	Not Used (= 0)					
25	2	DB0.6...DB0.5	Set point mode	SPM	Selection of heating mode	Enum: 0: Room temperature defined by SP 1: Frost protection 2: Automatic control (e.g. defined by time program) 3: Reserved		
27	1	DB0.4	Battery state	BATT	Battery change needed	Enum: 0: Battery ok 1: Battery low		
28	1	DB0.3	LRN Bit	LRNB	LRN Bit	Enum: 0: Teach-in telegram 1: Data telegram		
29	2	DB0.2...DB0.1	Not Used (= 0)					
31	1	DB0.0	User activity	ACT	User intervention action on device	Enum: 0: No user action 1: User interaction		