

EnOcean Equipment Profiles

REVISION HISTORY

Ver.	Editor	Change	Date
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System Specification



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A5-07: Occupancy Sensor

RORG	A5	4BS Telegram
FUNC	07	Occupancy Sensor
TYPE	03	Occupancy with Supply voltage monitor and 10-bit illumination measurement

Submitter: Lutuo Technology

The transmission of "PIR off" telegrams is optional.

Offset	Size	Bitrange	Data	ShortCut	Description	Valid Range	Scale	Unit
0	8	DB3.7...DB3.0	Supply voltage (REQUIRED)	SVC	Supply voltage (linear); 251 – 255 reserved for error code	0...250	0...5.0	V
8	10	DB2.7...DB1.6	Illumination	ILL	Illumination (linear); DB2 = 8 MSB, DB1 = 2 LSB 1001: over range, 1002...1024: reserved	0...1000	0...1000	lx
18	6	DB1.5...DB1.0	Not Used (= 0)					
24	1	DB0.7	PIR Status	PIRS	PIR Status	Enum: 1: Motion detected 0: Uncertain of occupancy status		
25	3	DB0.6...DB0.4	Not Used (= 0)					
28	1	DB0.3	LRN Bit	LRNB	LRN Bit	Enum: 0: Teach-in telegram 1: Data telegram		
29	3	DB0.2...DB0.0	Not Used (= 0)					