

EnOcean Equipment Profiles

REVISION HISTORY

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System Specification



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A5-08: Light, Temperature and Occupancy Sensor

RORG	A5	4BS Telegram
FUNC	08	Light, Temperature and Occupancy Sensor
TYPE	03	Range 0lx to 1530lx, -30°C to +50°C and Occupancy Button

E.g. for outdoor sensor:

Offset	Size	Bitrange	Data	ShortCut	Description	Valid Range	Scale	Unit
0	8	DB3.7...DB3.0	Supply voltage	SVC	Supply voltage (linear)	0...255	0...5.1	V
8	8	DB2.7...DB2.0	Illumination	ILL	Illumination (linear)	0...255	0...1530	lx
16	8	DB1.7...DB1.0	Temperature	TMP	Temperature (linear)	0...255	-30...+50	°C
24	4	DB0.7...DB0.4	Not Used (= 0)					
28	1	DB0.3	LRN Bit	LRNB	LRN Bit	Enum:		
						0: Teach-in telegram		
						1: Data telegram		
29	1	DB0.2	Not Used (= 0)					
30	1	DB0.1	PIR Status	PIRS	PIR Status	Enum:		
						0: PIR on		
						1: PIR off		
31	1	DB0.0	Occupancy Button	OCC	..	Enum:		
						0: Button pressed		
						1: Button released		