

EnOcean Equipment Profiles

REVISION HISTORY

Ver.	Editor	Change	Date
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System Specification



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A5-09: Gas Sensor

RORG	A5	4BS Telegram
FUNC	09	Gas Sensor
TYPE	07	Particles

Submitter: NanoSense

Offset	Size	Bitrange	Data	ShortCut	Description	Valid Range	Scale	Unit
0	9	DB3.7...DB2.7	Particles_10	PM10	Dust less than 10 µm (PM10)	0...511	0...511	µg/m3
9	9	DB2.6...DB1.6	Particles_2.5	PM2.5	Dust less than 2.5 µm (PM2.5)	0...511	0...511	µg/m3
18	9	DB1.5...DB0.5	Particles_1	PM1	Dust less than 1 µm (PM1)	0...511	0...511	µg/m3
27	1	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	PM10 active	PM10a		Enum:		
						0: PM10 not active		
						1: PM10 active		
30	1	DB0.1	PM2.5 active	PM2.5a		Enum:		
						0: PM2.5 not active		
						1: PM2.5 active		
31	1	DB0.0	PM1 active	PM1a		Enum:		
						0: PM1 not active		
						1: PM1 active		