

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	08	Pure CO2 Sensor

Submitter: Afriso / EnOcean

Description

Pure CO2 sensor with 8 bit resolution and 0 – 2000ppm.

Data exchange

Direction: unidirectional

Addressing: broadcast

Communication trigger: event- & time-triggered

Trigger event: change of value over threshold, heartbeat

Teach-in method: 4BS teach-in 2

Offset	Size	Bitrange	Data	ShortCut	Description	Valid Range	Scale	Unit
0	16	DB3.7...DB2.0	Not Used (= 0)					
16	8	DB1.7...DB1.0	CO2	CO2	CO2 measurement	0...255	0...2000	ppm
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	3	DB0.2...DB0.0	Not Used (= 0)					