

## 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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## A5-30: Digital Input

<b>RORG</b>	A5	<b>4BS Telegram</b>
<b>FUNC</b>	30	Digital Input
<b>TYPE</b>	05	Single Input Contact, Retransmission, Battery Monitor

Submitter: ITEC

### Data exchange

Direction: unidirectional

Addressing: broadcast

Communication trigger: event- & time-triggered

Communication interval:

- retransmission: 5 ... 255 seconds (one time configuration)
- number of retransmission times: 0 ... 127 times (one time configuration)
- heartbeat: 60 ... 65535 seconds (one time configuration)

Trigger event: digital input, retransmission, heartbeat

Tx delay: -

Rx timeout: -

### Teach-in

Teach-in method: 4BS teach-in 2

### Security

Encryption supported: no

Security level format: -

Offset	Size	Bitrange	Data	ShortCut	Description	Valid Range	Scale	Unit
0	8	DB3.7...DB3.0	Not Used (= 0)					
8	8	DB2.7...DB2.0	Supply voltage	VDD	Supply voltage	0...255	0...3.3	V
16	1	DB1.7	Signal type	ST	Signal type	Enum: 0: Normal signal 1: Heart beat signal		
17	7	DB1.6...DB1.0	Index of Signals	IOS	Ordinal count	Enum: Increment a counter by new 0...127: telegram		
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)					