

EnOcean Equipment Profiles

REVISION HISTORY

| Ver. | Editor | Change | Date |
|-------|--------|---|--------------|
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System Specification

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EnOcean Alliance Inc.
2400 Camino Ramon, Suite 375
San Ramon, CA 94583
USA
Graham Martin
Chairman & CEO EnOcean Alliance

System Specification

A5-14: Multi-Func Sensor

| | | |
|------|----|---|
| RORG | A5 | 4BS Telegram |
| FUNC | 14 | Multi-Func Sensor |
| TYPE | 09 | Window/Door-Sensor with States Open/Closed/Tilt, Supply voltage monitor |

Submitter: EiMSIG eine Marke der EFP GmbH

Description

Door/window-sensor with states open/closed/tilt and supply-voltage-monitor.

Data exchange

Direction: unidirectional

Addressing: broadcast

Communication trigger: event- & time-triggered

Communication interval: N/A

Trigger event: timer and change on state

Tx delay: N/A

Rx timeout: -

Teach-in

Teach-in method: 4BS teach-in

Security

Encryption supported: yes

Security level format: -

| Offset | Size | Bitrange | Data | ShortCut | Description | | Valid Range | Scale | Unit |
|--------|------|---------------|----------------|----------|--------------------------------------|----------------------|-------------|---------|------|
| 0 | 8 | DB3.7...DB3.0 | Supply voltage | SVC | Supply voltage / super cap. (linear) | | 0...250 | 0...5.0 | V |
| 8 | 20 | DB2.7...DB0.4 | Not Used (= 0) | | | | | | |
| 28 | 1 | DB0.3 | LRN Bit | LRNB | LRN Bit | Enum: | | | |
| | | | | | | 0: Teach-in telegram | | | |
| | | | | | | 1: Data telegram | | | |
| 29 | 2 | DB0.2...DB0.1 | Contact | CT | | Enum: | | | |
| | | | | | | 0b00: Closed | | | |
| | | | | | | 0b01: Tilt | | | |
| | | | | | | 0b10: Reserved | | | |
| | | | | | | 0b11: Open | | | |
| 31 | 1 | DB0.0 | Not Used (= 0) | | | | | | |