Submitter's comments to the EAC:
- Test containers are defined in EEP cws-TestContainer.xml
- IP abstraction is defined in EEP-cws-IP abstractin.pdf

Which are submitted along this proposal.

Description

R-ORG	D2	VLD Telegram
FUNC	B1	Level Sensor
TYPE	00	Dispenser

Submitter:

Submitting EnOcean Alliance Member: Digital Concepts
Membership Level: Promoter

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Date of Submission: 2017-12-09
Start of TWG Review: YYYY-MM-DD
Date of Approval: 2018-03-01

EEP Version: **1.1**
Last Change: **2019-07-19**
Status: **Approved**

Change History :

Date	Version	Author	Description
2017-10-20	0.1	Armin Pelka	Creation
2017-12-07	0.2	Norbert Metzner	Semantic
2018-01-25	0.3	Norbert Metzner	Upgrade following feedback from EAC
2018-06-14	1.0	Norbert Metzner	Final version following TWG-approval
2019-07-19	1.1	Armin Pelka	Typo's removal

EEP Submission

R-ORG	D2	VLD Telegram
FUNC	B1	Level Sensor
TYPE	00	Dispenser

Description:

A family of EEPs for various products, e.g. like dispenser products which could be applied for soap, bathroom tissues or towel.

EEP Properties defined by the submitter:

(Optional data. Will only be documented within the EEP Specification for profiles using this template.)

Data exchange

Direction:	unidirectional
Addressing:	broadcast
Communication trigger:	event- & time-triggered
Communication interval:	application specific, not defined
Trigger event:	application specific
Tx delay:	---
Rx timeout:	---

Teach-in

Teach-in method:	Universal teach-in (UTE)

Security

Encryption supported:	yes
Security level:	not defined

EEP Family Table :

(Only for VLD EEP families)

Parameter Overview

Each TYPE has to support every parameter that is marked in its column!

TYPE	00
Channel number	X
Level of material	X
Error code	X
Energy level	-

The list of parameters could be structured following the features that always include a certain group of parameters.

ISSUE: EEP Proposal
EEP: D2-B1-00
EEP Version: 1.1
Date: 2019-07-19

Telegram Definition:

Offset	Size	Bit-range	Data	Short-Cut	Description	Valid Range	Scale	Unit
0	8	DB2.7 - DB2.0	Channel number	CHA	Number of the channel of the dispenser. Each device starts with channel #0	0…255	0…255	#
8	8	DB1.7 - DB1.0	Level of material	LVL	Level of the material in the channel	0…100 101 … 255	0…100 reserved	%
16	8	DB0.7 - DB0.0	Error Code	ERR	Error code of the channel	Enumeration: 0: No error 1: Measurements not reliable 2: Device empty (completely) 3: Loop line at ground 4: malfunction of internal IR-sensor (e.g. distorted IR-light from environment) 5: Communication error with sensors 6…255 reserved for future error codes		

IP representation of Profile Definition:

Refer to file attached, please

Appendix:

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