Contents

Project: **13_Update Smart Sensor Profile**

Working Group: **C3 / PG13**

CR-Filter - Settings: (State)

Displaying Change-Requests of Project:
13_Update Smart Sensor Profile

Originator		Company	Email
Maul, Jürgen		Siemens	juergen.maul@siemens.com
Assignee		**Found in Version**	**Fixed in Version**
Hackenstraß, Kai		V1.0	---
ID	**State**	**Creation Date**	**Last Changed**
34	Review	08.06.2017 12:59:09	10.12.2020 13:00:57
Line	**Clause / Subclause Number**	**Clause / Subclause Title**	**Page**
315	5.4	---	16

Abstract:

List of ProfileIdentifier missing

Description:
Reference to a list of ProfileIdentifier. This list is missing on www.io-link.com

Responses:
2018-04-24 KH: Files created, review and publishing missing, see also CR 24 on common profile
2020-12-07 KH: File created and distributed on IO-Link.com as “Profile Identifier Overview” [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Hackenstraß, Kai		ifm prover GmbH	kai.hackenstrass@ifm.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
35	Review	17.07.2017 09:54:01	10.12.2020 13:00:21
Line	Clause / Subclause Number	Clause / Subclause Title	Page
1496	Bibliography	---	72

Abstract:

Document referenced by [7] was renamed

Description:
The document name of "10.072 Profile guideline" was changed to "Common Profile". Change link accordingly.

Responses:
2018-04-24 KH: change as proposed, 2018-05-18 KH: changed, but also the Common Profile will be updated. Version has to be updated together with Common Profile reworking 2020-12-07 KH: finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Willems, Klaus-Peter		TMG TE GmbH	willems@tmgte.de
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
36	Review	08.08.2017 12:21:30	10.12.2020 12:59:13
Line	Clause / Subclause Number	Clause / Subclause Title	Page
---	---	---	---

Abstract:

IODD specification for Smart Sensor Profile

Description:
The IODD coding for the Profile should be specified. In Minimum an example should be added to the specification.

Responses:
2018-04-24 KH: sample IODDs were sent to H. Oppmann, samples will be provided to the WG
2020-12-07 KH: IODDs snippets will be issued along V1.1 to be used as templates and test description [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Hackenstraß, Kai		ifm prover GmbH	kai.hackenstrass@ifm.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
37	Review	27.11.2017 15:11:35	10.12.2020 12:58:55
Line	Clause / Subclause Number	Clause / Subclause Title	Page
1357	F.5.2	---	63

Abstract:

Wrong number in table F.5

Description:
First : The resulting offset of a datatype (U)Integer64 shall be 64 instead of 48.

Responses:
2020-07-29 KH: accepted, in any case the 64 is correct. 2020-12-07 KH: finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Hackenstraß, Kai		ifm prover GmbH	kai.hackenstrass@ifm.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
38	Review	27.11.2017 15:14:00	10.12.2020 12:58:37
Line	Clause / Subclause Number	Clause / Subclause Title	Page
1354	F.5.2	---	63

Abstract:

Missing rule for equality of data types in Table F.4

Description:
There is no rule, that both parameters of the specified structure shall be of the same data type. Add rule defining this.

Responses:
2020-07-29 KH: accepted, this is a common rule. Proposed change : extend paragraph below table F.5 by “The data types of Setpoint 1 and Setpoint 2 shall be equal for every pair of SSCn parameters. It is recommended that the value ranges of the Setpoints are similar.” 2020-12-07 KH: finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
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Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
39	Review	27.11.2017 19:13:37	10.12.2020 12:58:19
Line	Clause / Subclause Number	Clause / Subclause Title	Page
974	D.4	---	47

Abstract:

DMS-FB: calculation of output values

Description:
Table D.4. Missing specification for calculation of output values ValueReal and ValueDINT. Figure D.4 shows calculation at D2, which is wrong. => Table D.4: add specification ValueReal = Processdata->MeasurementValue * 10 exp(Scale), ValueDINT = Processdata->MeasurementValue, Scale = Processdata->Scale Figure D.4: delte equation in branch of D2

Responses:
2020-07-29 HK: see attached proposal 2020-12-07 KH: finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

Filename	Version	Rev.	Doc.	Filesize [Byte]	File Added
IOL-SmartSensorProfile Ed2- CR39.pdf [^]	-		-	46,817	07.12.2020

IOL-SmartSensorProfile+Ed2-+CR39.pdf

Originator		Company	Email
Lindenthal, Hartmut		Pepperl+Fuchs	hlindenthal@de.pepperl-fuchs.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	---
ID	State	Creation Date	Last Changed
40	FAQ	27.11.2017 19:21:43	07.12.2020 13:10:49
Line	Clause / Subclause Number	Clause / Subclause Title	Page
656	A.4.4.2	---	27

Abstract:

Transition at Teach Apply

Description:
Unclear specification of precondition and behaviour for transition T10. Proposal: ... Both 'Teach Flags' shall be set prior to execution od 'Teach Apply'. An 'Error' shall be generated if 'Teach Apply' is executed with only one 'Teach Flag' set.

Responses:
2020-07-29 KH: accepted. As the necessity of both teach flags is already mentioned in T10, the behavior is described. [FAQ]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Lindenthal, Hartmut		Pepperl+Fuchs	hlindenthal@de.pepperl-fuchs.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
41	Review	27.11.2017 19:31:54	10.12.2020 12:58:03
Line	Clause / Subclause Number	Clause / Subclause Title	Page
650	A.4.4.2	---	25

Abstract:

Response on teach commands in wrong state

Description:
In the states 'Busy_xxx' or Apply_6' teach commands cannot be executed as these are transient states with pending services. The correct definition is: Whenever a teach command is received in state "WaitForCmd_Two_4" or "WaitForCmd_Dyn_5", which is not allowed in these states, the command shall be rejected with ErrorCode "0x8036 – Function temporarily unavailable" and the state is maintained.

Responses:
2020-07-29 HK: Accepted in principle. Adding sentences to the dedicated states shall not conflict with the rule of the reaction to unsupported teach-in Commands in lines 648f. - WaitForCmdTwo_4 : “By reception of one of the SysCmds Teach SP, Teach SP Start, or Teach SP Stop return the ErrorCode "0x8036 – Function temporarily unavailable" when generally supporting the requested teach-in procedure or return ErrorCode "0x8035 – Function not available" in all other cases.” - WaitForCmd_Dyn_5 : “By reception of one of the SysCmds Teach SP, Teach SP TP1, or Teach SP TP2 return the ErrorCode "0x8036 – Function temporarily unavailable" when generally supporting the requested teach-in procedure or return ErrorCode "0x8035 – Function not available" in all other cases.” 2020-12-07 KH: finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Rieder, Wolfgang		Festo	wolfgang.rieder@festo.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
42	Review	04.01.2018 12:58:21	10.12.2020 12:57:43
Line	Clause / Subclause Number	Clause / Subclause Title	Page
---	F.3.5.3	F.3.5.2	55

Abstract:

Definition of switchpoint hysteresis is ambiguous

Description:
The definition of the hysteresis is generally defined as manufacturer specific e. g. symmetrical, right-aligned, or left-aligned. See chapter F3.4 switchpoint hysteresis. However, this does not match the description for the window mode F.3.5.3. There it is written that the hysteresis shall/must correspond to the picture and should be symmetrical. The figure F.3 itself is still marked as "Example" => The lines 1166 – 1168 should be removed, replaced by more common description or a reference to chapter F3.4 Similar problem for chapter F.3.5.2 Single Point Mode

Responses:
2018-04-30 HK: Accepted in principle. The discussion has confirmed that the vendor defined hysteresis (see F.3.4) rules the paragraphs of the examples. These paragraphs are copies of the Smart Sensor Profile 1.0 from 2011. Changes : Line 1152 : remove sentence "If a hysteresis ..:" completely. Change next sentence to "This example is …" Line 1158 : Change sentence to "The example shown in ..:" Lines 1166f : remove sentence "If hysteresis is …" completely. Change next sentence to "This example shows …" 2020-12-07 KH: finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Krämer, Manfred		ifm prover	manfred.kraemer@ifm.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
43	Review	09.02.2018 14:25:05	10.12.2020 12:57:22
Line	Clause / Subclause Number	Clause / Subclause Title	Page
---	-	-	31

Abstract:

http://www.io-link.com/share/Downloads/Smart-Sensor-Profile/IOL-Smart-Sensor-Profile-2ndEd_V10_Mar2017.pdf, Chapter A.5.7 Units

Description:
Add other basic units according https://de.wikipedia.org/wiki/Internationales_Einheitensystem#SI-Basiseinheiten Beacause more measurement abilities shall be provided.

Responses:
2018-04-24 KH: Correction : Pa = 1130, kPa = 1133. Set to 1130 in table A.7 2020-12-07 KH: finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Krämer, Manfred		ifm prover	manfred.kraemer@ifm.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
44	Review	28.02.2018 08:02:10	10.12.2020 12:56:46
Line	Clause / Subclause Number	Clause / Subclause Title	Page
738	Table A.7	---	31

Abstract:

UnitCode for pressure unit Pa is wrong

Description:
IODD StandardUniitDefinitions define the unit codes: Pa = 1030. Please correct the 1033 (kPa) to 1030 in the document.

Responses:
2018-04-24 KH: Correction : Pa = 1130, kPa = 1133. Set to 1130 in table A.7 2020-12-07 KH: finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Schößer , Matthias		HYDAC ELECTRONIC GMBH	matthias.schoesser@hydac.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
45	Review	20.03.2018 08:33:47	10.12.2020 12:56:30
Line	Clause / Subclause Number	Clause / Subclause Title	Page
889	C.5	---	39

Abstract:

Confusing parameter names in MDC Descr parameter

Description:
Subindex 1 has name "Lower Limit", Subindex 2 has name "Upper Limit". This is confusing, because the same names are used for range definitions in Table A.5 and the function block definition (see figure D.4). It would be better to use the names as mentioned in the text above (see line 881f). Maybe in a shortend form, e.g. "Lower Range Value" and "Upper Range Value".

Responses:
2018-04-24 HK: Accepted in principle, naming is really confusing. Names will be changed in the complete document to “Lower value” and “Upper value”. Affected lines : 889, 1037, 1065 2020-12-07 KH: finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
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Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
46	Review	30.04.2018 11:33:00	10.12.2020 12:56:12
Line	Clause / Subclause Number	Clause / Subclause Title	Page
---	---	---	multiple

Abstract:

Extension by Mixed Measuring Sensors with a combination of AdSS and DMS

Description:
As the profile nowadays contains the switching and the measuring devices, the common mixture of these two classes is not defined by now. The attached proposal contains the necessary changes to the profile specification.

Responses:
2018-04-24 HK: Accepted in principle, the details have to be defined on base of the proposal. Will be implemented in V1.1 2020-12-07 KH: finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

Filename	Version	Rev.Doc.	Filesize [Byte]	File Added
Proposal_SSP_Mixed_Measuring_Sensors_mhoh-2017-12-07.docx [^]	-	-	193,573	30.04.2018

Proposal_SSP_Mixed_Measuring_Senso

Originator		Company	Email
Hackenstraß, Kai		ifm prover GmbH	kai.hackenstrass@ifm.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
47	Review	30.04.2018 11:37:32	10.12.2020 12:55:55
Line	Clause / Subclause Number	Clause / Subclause Title	Page
---	---	---	multiple

Abstract:

Extension for multiple process value sensors should be defined

Description:
As the actual profile only allows one process value, the extension should show how to enlarge the profile for devices which provide more than one measuring sensor principle like flow and temperature combined in one device. Or even three physical measurements. In any case, it should be avoided to generate an explosion of ProfileIDs to cover all combinations.

Responses:
2018-04-24 HK: Accepted in principle, the details have to be discussed. Will be implemented in V1.1 2020-12-07 KH: finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Hackenstraß, Kai		ifm prover GmbH	kai.hackenstrass@ifm.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
48	Review	30.04.2018 12:08:11	10.12.2020 12:55:37
Line	Clause / Subclause Number	Clause / Subclause Title	Page
---	---	---	multiple

Abstract:

Addition of test case descriptions

Description:
The profile specification should contain all necessary test cases which can be tested by the conformity check, IODD checker or handled manually.

Responses:
2018-04-24 HK: Accepted in principle, the details have to be discussed. Will be implemented in V1.1 2020-12-07 KH: finalized in V1.1 and CommonProfile V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Hackenstraß, Kai		ifm prover GmbH	kai.hackenstrass@ifm.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
49	Review	02.05.2018 15:33:22	10.12.2020 12:55:16
Line	Clause / Subclause Number	Clause / Subclause Title	Page
---	---	---	multiple

Abstract:

Update links to clauses in external references

Description:
One example is in table A.1, first row. The clause A.2 in [7] is meant here. The common scheme for this is now defined as "A2 in [7]". The "in" links clause and reference. Change all occurrences accordingly.

Responses:
2018-05-02 HK : Accepted in principle, identifying all occurrences and change accordingly. Will be implemented in V1.1 2020-12-07 KH: finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Hackenstraß, Kai		ifm prover GmbH	kai.hackenstrass@ifm.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
50	Review	02.05.2018 15:56:45	10.12.2020 12:54:49
Line	Clause / Subclause Number	Clause / Subclause Title	Page
652	A.4.4.2	---	26

Abstract:

Missing return codes within teach state machine

Description:
Within the state machine for the teach (figure A.3) the returned error codes are not described. The transitions have to be defined when the return code will be issued and the command is finished, these transitions should also show the desired error codes.

Responses:
2018-05-02 KH: The desired response has to be discussed. Also the Ed 1 defines no further return codes. 2020-08-04 KH: Explicit definition in V1.1. The principle is that the commands are responded directly, the action is triggered and the status should be read via TI Result parameter. 2020-12-07 KH: finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Schößer , Matthias		HYDAC ELECTRONIC GMBH	matthias.schoesser@hydac.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
51	Review	30.05.2018 13:06:40	10.12.2020 12:54:24
Line	Clause / Subclause Number	Clause / Subclause Title	Page
709	A.5.4	---	30

Abstract:

Show MDC Descr - Scale in IODD menu or not?

Description:
Annex A.5.4 says: "This scale information may not be referenced in the IODD UserInterface section to suppress the visibility of the static value." But Figure E.3 shows the menu structure of digital measuring sensor with Scale. Should Scale be referenced in IODD Menu and ProcessDataRefCollection or not?

Responses:
2020-08-04 KH: No representation in ProcessDataRefCollection but in MDC Descriptor 2020-12-07 KH: finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Hackenstraß, Kai		ifm prover GmbH	kai.hackenstrass@ifm.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
52	Review	12.07.2018 09:21:10	10.12.2020 12:54:09
Line	Clause / Subclause Number	Clause / Subclause Title	Page
649	A.4.4	---	---

Abstract:

Replace occurrences of ErrorCode by ErrorType

Description:
At all 3 places where ErrorCode define the ISDU ErrorType info as a 16 bit value, the naming has to be corrected to ErrorType which is the 16 bit value. The ErrorCode is an 8 bit value accompanied by another 8 bit value Additional Code. Affected lines 649, 651, 657

Responses:
2020-08-04 KH: Will be corrected in V1.1 2020-12-07 KH: finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Eichinger, Jürgen		ifm efector gmbh	juergen.eichinger@ifm.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	---
ID	State	Creation Date	Last Changed
53	Review	03.08.2018 09:45:45	07.12.2020 13:37:36
Line	Clause / Subclause Number	Clause / Subclause Title	Page
1092	F.2	---	53

Abstract:

Use of function classes 0x8005 to 0x800C in Generic Profiled Sensor (ProfilID 0x0001)

Description:
Currently it is not allowed to use the additional function classes, which came with SSP Ed.2, in a Generic Profiled Sensor (ProfilID 0x0001). Therefore, for example, it is necessary to implement function class 0x8001 (Multi-channel, two setpoint switching sensor) and it's complete parameters allthough the sensor might have no setpoint but only logic that can be set. The use of function class 0x8005 in that case will completely omid the unused Parameters. So Table F.1 should be extended by the function classes 0x8005 to 0x800C.

Responses:
2020-12-07 KH: no final decision now. The approach targets fully compliance to the complete ProfileIDs

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Rieder, Wolfgang		Festo	wolfgang.rieder@festo.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
54	Review	05.12.2018 15:39:06	10.12.2020 12:53:34
Line	Clause / Subclause Number	Clause / Subclause Title	Page
---	A.5.7	---	---

Abstract:

support for measuring sensors without unit

Description:
Some sensors such as position transmitters or optical sensors have poor linearity and therefore no one-to-one correlation between measured quantity and measured value (unit). For some other sensors the scale depends on the target (material). These family of sensors should also be covered by the SSP to use the advantages of a common handling and the function blocks. To solve this, a special "unit" [1] could be added. Or special profile types for non linear/unitless sensors. But this would double the ProfileIDs and FunctionClasses

Responses:
2020-08-04 KH: Accepted in principle. Usage of unit “none” / 1997 is appropriate in this case. Nevertheless the manufacturer shall emphasize the reduced possibilities for replacement of these devices. Will be implemented in V1.1 2020-12-07 KH: finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Willems, Klaus-Peter		tmg-karlsruhe	willems@tmgte.de
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	---
ID	State	Creation Date	Last Changed
55	Review	24.05.2019 21:39:18	10.12.2020 12:53:14
Line	Clause / Subclause Number	Clause / Subclause Title	Page
818	Annex C	C.1	36

Abstract:

Sub Index Access with records

Description:
"Any overall usable software shall always use the Subindex 0 access instead as this access is granted by any Device." This contradicts the interface specification. Access is governed by the subindexAccessSupported attribute in the IODD. If this is true then the subindex access for the tool is allowed. If the user changes a subindex, the tool should/will only access that subindex.

Responses:
2020-08-04 KH: Proposal for refusal. Yes, the IODD indicates the accessibility of Subindices, but the profile itself targets IODD-less configuration via reusable tools and function blocks in PLCs. Therefore this hint has to be interpreted for the creator of any overall usable tool just to rely on the subindex 0, which is always available. The device designer may define Subindex access via IODD based tools. [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Willems, Klaus-Peter		tmg-karlsruhe	willems@tmgte.de
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
56	Review	24.05.2019 21:55:07	10.12.2020 12:52:36
Line	Clause / Subclause Number	Clause / Subclause Title	Page
846	C.4.2.	---	37

Abstract:

Switching Signal Channel with Digital measuring sensors

Description:
Nearly all measuring sensors we implemented provide in minimum one switching signal channel. This is also true for high resolution. Therefore consider variables like SP (0x0038).

Responses:
2020-08-04 KH: Accepted. Will be part of V1.1 2020-12-07 KH: finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Krämer, Manfred		ifm prover	manfred.kraemer@ifm.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	---
ID	State	Creation Date	Last Changed
57	Refused	11.02.2020 10:18:38	07.12.2020 13:42:45
Line	Clause / Subclause Number	Clause / Subclause Title	Page
---	-	-	30 ff

Abstract:

Rollback on terms SSC1.1....SSC4.2 into SSC1...SSC2...SSC3...

Description:
Profile WG attends to rename Smart-Sensors-Ed2-'SCCm' with terms 'SSCn.m'. I'm affraid that will confuse the market. Smart Sensor Profile group shall care on already implemented standards. Remember, profile specs did switch from Smart-Sensors-1.0-BDC to Smart-Sensors-Ed2-SCC. Please take care on history: Customer did not really understand BDC, then customer was forced to switch from BDC to SSC, which now is more or less established. I would highly recommend to keep this Smart-Sensors-Ed2-SCC-standard. Otherwise profiles will become inattractive. Customer will get annoyed.

Responses:
2020-08-04 KH: refused. After WG discussions, the already implemented standards keep unchanged, the updated name scheme applies to new profiles and function classes

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Gysel, Christian		Keller AG für Druckmesstechnik	c.gysel@keller-druck.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
58	Review	27.05.2020 10:27:40	10.12.2020 12:51:54
Line	Clause / Subclause Number	Clause / Subclause Title	Page
738	Table A.7 – Reco	---	31

Abstract:

StandardUnit for Pressure (PA) is wrong in Table A.7

Description:
IODD StandardUnitDefinitions define the unit codes: Pa = 1130. Please correct the 1133 (kPa) to 1130 in the document. Ticket 44 from Manfred already points this problem out, but has the wrong unit codes in the description.

Responses:
2020-08-04 KH: See CR 44 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Lindenthal, Hartmut		Pepperl+Fuchs	hlindenthal@de.pepperl-fuchs.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
59	Review	30.09.2020 17:59:35	10.12.2020 12:51:34
Line	Clause / Subclause Number	Clause / Subclause Title	Page
---	A.6	---	---

Abstract:

Replace term 'Transducer disable' by 'Sensor disable'

Description:
The term 'transducer' is surely correct, but the action by using this functionality is, that the sensing or evaluation is disabled. From user perspective the focus is the sensor as implied as well in the profile name 'Smart Sensor'. Therefore the better match of terms and clearly understandable is achieved by using the function name 'Sensor disable'

Responses:
2020-12-07 KH: accepted in principle, no change to V1.0 but finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!

Originator		Company	Email
Lindenthal, Hartmut		Pepperl+Fuchs	hlindenthal@de.pepperl-fuchs.com
Assignee		Found in Version	Fixed in Version
Hackenstraß, Kai		V1.0	1.1
ID	State	Creation Date	Last Changed
60	Review	30.09.2020 18:52:06	10.12.2020 12:50:43
Line	Clause / Subclause Number	Clause / Subclause Title	Page
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Abstract:

Smart Sensor Profile with float values

Description:
A Smart Sensor Profile variant similar to the DMS profiles but using float data type instead of integer measurement value with a scale factor should be made available.

Responses:
2020-12-07 KH: accepted in principle, additionally available profiles for this purpose. Finalized in V1.1 [review]

Test:

Compatibility: no impact

Attached Files:

No downloadable files available!