

Please use this manual change with the user's manuals listed below.

1. Applicable Users' Manuals

IM No. (Edition)	Document Name	Page
IM 01C50G01-01EN (7)	YTA610 and YTA710 Temperature Transmitters (Hardware)	2-34

2. Information to be changed/added

Please replace the existing descriptions by the following updated descriptions.

Before Change	After Change
2.9 Safety Requirement Standards EN 61010-2-030	2.9 Safety Requirement Standards EN IEC 61010-2-030
2.10 EU RoHS Directive Applicable standard: EN 50581 Applicable production sites is shown below. The production sites of the RoHS compliant product are confirmed by the serial number shown in the frame of "NO." in the name plate of the product. Serial numbers (9 letters): NNYMnnnnn NN : Identification code of production site Use "C2, U1, BH, Y3, S5 or 91" Y : Year of production 2015: Use "R" 2016: Use "S" 2017: Use "T" 2018: Use "U" 2019: Use "V" 2020: Use "W" 2021: Use "X" M : Month of production January to September: Use "1" to "9" (January: 1, September: 9). October: Use "A". November: Use "B". December: Use "C". nnnnn : 5-digit number assigned sequentially in each production date by the production site.	2.10 EU RoHS Directive Applicable standard: EN IEC 63000 Applicable production sites are shown below. The condition of the RoHS compliant production sites are as follows: Singapore, China, Japan, Saudi Arabia, UAE, USA The production sites can be confirmed by the serial number shown in the frame of "NO." in the name plate of the product. Serial numbers (9 letters): AAAnnnnnn AA : Identification code of production site Singapore: Use "C2" or "C0" China: Use "S5" Japan: Use "91" or "90" Saudi Arabia: Use "Y3" UAE: Use "Y4" USA: Use "U1"

The following information for YTA610 and YTA710 with optional codes /UK is added.
Please use this manual change for the following manual.

1. Applicable Users' Manuals

IM No. (Edition)	Document Name	Applicable Part
IM 01C50G01-01EN (7)	YTA610 and YTA710 Temperature Transmitters (Hardware)	■ For Safe Use of Product

2. Contents of Addition

- For Safe Use of Product
- (h) UKCA mark (optional code /UK)



In the case of optional codes /UK, this conformity mark indicates that the product complies with UKCA requirements.

In relation to UKCA marking,

The importer for this product into the Great Britain market via the YOKOGAWA sales channel is Yokogawa United Kingdom Limited, Stuart Road Manor Park Runcorn, WA7 1TR, United Kingdom

Please use this manual change for the manuals as listed in below.

1. Applicable User's Manual and Page

IM No.	Ed.	IM Title	Applicable Item
IM 01C50G01-01EN	7th	YTA610 and YTA710 Temperature Transmitter (Hardware)	(I), (III), (V)
IM 01C50G01-02EN	4th	YTA610 and YTA710 NEPSI Certification	(II)

2. Information to be replaced

Please replace the existing descriptions by the following updated descriptions.

Item (I) ATEX/IECEx Certification

Applicable Part	Before change	After change
2.7.1 ATEX Certification (1) Technical Data	<p>a) ATEX intrinsically safe approval Note 1. Certification information ①4 - 20mA type / ②Fieldbus type [Intrinsically safe ia] • Enclosure: IP66/IP67</p> <p>[Intrinsically safe ic] • Enclosure: IP66/IP67</p> <p>b) ATEX Flameproof Type and Dust Ignition Proof Type Note 1. Certification information • Degree of protection of enclosure: IP66/IP67</p> <p>Note 3. Operation • To satisfy IP66 or IP67, apply waterproof glands to the electrical connection port.</p>	<p>a) ATEX intrinsically safe approval Note 1. Certification information ①4 - 20mA type / ②Fieldbus type [Intrinsically safe ia] • Enclosure: IP66 in accordance with EN IEC60079-0, IP67 in accordance with only IEC60529</p> <p>[Intrinsically safe ic] • Enclosure: IP66 in accordance with EN IEC60079-0, IP67 in accordance with only IEC60529</p> <p>b) ATEX Flameproof Type and Dust Ignition Proof Type Note 1. Certification information • Degree of protection of enclosure: IP66 in accordance with EN IEC60079-0</p> <p>Note 3. Operation • To satisfy IP66, apply waterproof glands to the electrical connection port.</p> <p>Note 4. Specific Condition of use The unearthing hanging tag plate has a capacitance of 4 pF. In case of /N4(optional cord) and Group IIC, suitability in the specific application shall be determined by the user.</p>

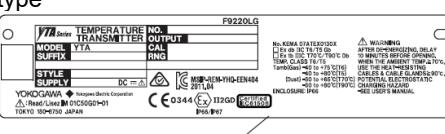
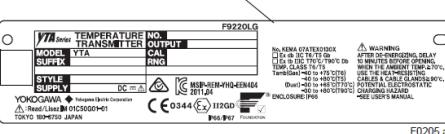
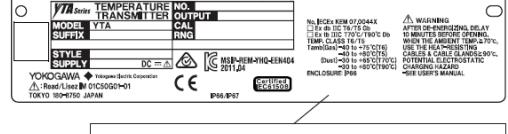
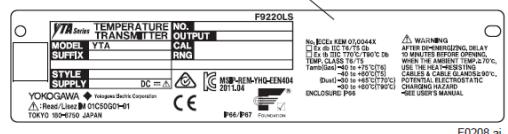
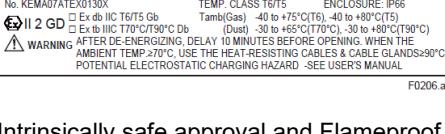
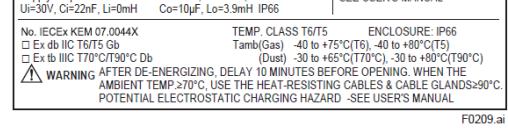
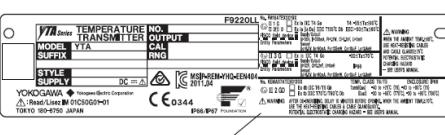
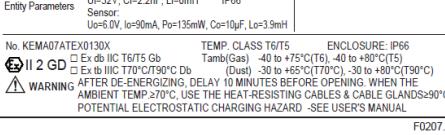
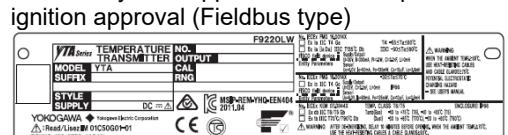
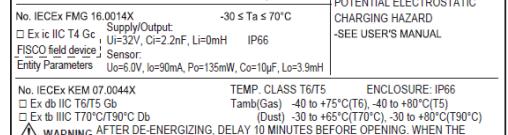
<p>2.7.2 IECEx Certification (1) Technical Data</p>	<p>a) IECEx intrinsically safe approval</p> <p>Note 1. Certification information ①4 - 20mA type / ②Fieldbus type</p> <ul style="list-style-type: none"> • Enclosure: IP66/IP67 <p>Note 3. Conditions for safe use 1. Cable entry devices satisfying IP66/IP67 should be applied when installed in a hazardous area, and redundant holes for cable entry should be closed by suitable blanking elements.</p> <p>b) IECEx Flameproof Type and Dust Ignition Proof Type</p> <p>Note 1. Certification information</p> <ul style="list-style-type: none"> • Enclosure: IP66/IP67 <p>Note 3. Operation</p> <ul style="list-style-type: none"> • To satisfy IP66 or IP67, apply waterproof glands to the electrical connection port. 	<p>a) IECEx intrinsically safe approval</p> <p>Note 1. Certification information ①4 - 20mA type / ②Fieldbus type</p> <ul style="list-style-type: none"> • Enclosure: IP66 in accordance with IEC60079-0, IP67 in accordance with only IEC60529 <p>Note 3. Conditions for safe use 1. Cable entry devices satisfying IP66 should be applied when installed in a hazardous area, and redundant holes for cable entry should be closed by suitable blanking elements.</p> <p>b) IECEx Flameproof Type and Dust Ignition Proof Type</p> <p>Note 1. Certification information</p> <ul style="list-style-type: none"> • Enclosure: IP66 in accordance with IEC60079-0 <p>Note 3. Operation</p> <ul style="list-style-type: none"> • To satisfy IP66, apply waterproof glands to the electrical connection port. <p>Note 4. Specific Condition of use The unearthing hanging tag plate has a capacitance of 4 pF. In case of /N4(optional cord) and Group IIC, suitability in the specific application shall be determined by the user.</p>
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Item (II) NEPSI Certification

Applicable Part	Before change	After change
2. NEPSI Certification (1) Technical Data	<p>a) NEPSI intrinsically safe type</p> <p>Note 1. Certification information ①4 - 20mA type / ②Fieldbus type</p> <ul style="list-style-type: none"> • Applicable Standard GB3836.1-2010, GB3836.4-2010, GB3836.20-2010, GB3836.19-2010, GB12476.1-2013, GB12476.4-2010 • Ambient temperature : -30 to 70°C (Ex iaD) • Enclosure: IP66/IP67 <p>①4 - 20mA type</p> <ul style="list-style-type: none"> • Type of Protection and Marking code Ex ia IICT4/T5 Ga Ex ic IIC T4/T5 Gc Ex iaD [iaD 20] 21 IP6X T135°C <p>②Fieldbus type</p> <ul style="list-style-type: none"> • Type of Protection and Marking code Ex iaD [iaD 20] 21 IP6X T1 <p>Note 4. Conditions for safe use</p> <p>1. Cable entry devices satisfying IP66/IP67 should be applied when installed in a hazardous area, and redundant holes for cable entry should be closed by suitable blanking elements.</p> <p>4. The selected type of the Ex marking on the name plate should be indicated. For this purpose, the tick boxes can be used as follows.</p> <p><input checked="" type="checkbox"/> Ex ia IIC T4 Ga <input type="checkbox"/> Ex iaD [iaD 20] 21 IP6X T135°C <input type="checkbox"/> Ex ic IIC T4 Gc</p> <p>b) NEPSI Flameproof Type</p> <p>Note 1. Certification information</p> <ul style="list-style-type: none"> • Applicable Standard GB3836.1-2010, GB3836.2-2010, GB12476.1-2013, GB12476.5-2013 • Type of Protection and Marking code Ex d IIC T5/T6 Gb Ex tD A21 IP66/IP67 T70°C/T90°C • Enclosure: IP66/IP67 <p>Note 3. Installation</p> <ul style="list-style-type: none"> • When the one type of protection is installed, tick the box of the selected type of protection on the label when the transmitter is installed to avoid confusion. <p><input checked="" type="checkbox"/> Ex d IIC T6/T5 Gb <input type="checkbox"/> Ex tD A21 IP66/IP67 T70°C/T90°C</p>	<p>a) NEPSI intrinsically safe type</p> <p>Note 1. Certification information ①4 - 20mA type / ②Fieldbus type</p> <ul style="list-style-type: none"> • Applicable Standard GB/T 3836.1, GB/T 3836.4 • Ambient temperature : -30 to 70°C (Ex ia [ia Da]) • Enclosure: IP66 in accordance with IEC60079-0 <p>①4 - 20mA type</p> <ul style="list-style-type: none"> • Type of Protection and Marking code Ex ia IIC T4…T5 Ga Ex ic IIC T4…T5 Gc Ex ia [ia Da] IIIC T135°C Db <p>②Fieldbus type</p> <ul style="list-style-type: none"> • Type of Protection and Marking code Ex ia [ia Da] IIIC T135°C Db <p>Note 4. Conditions for safe use</p> <p>1. Cable entry devices satisfying IP66 should be applied when installed in a hazardous area, and redundant holes for cable entry should be closed by suitable blanking elements.</p> <p>4. The selected type of the Ex marking on the name plate should be indicated. For this purpose, the tick boxes can be used as follows.</p> <p><input checked="" type="checkbox"/> Ex ia IIC T4 Ga <input type="checkbox"/> Ex ia [ia Da] IIIC T135°C Db <input type="checkbox"/> Ex ic IIC T4 Gc</p> <p>b) NEPSI Flameproof Type</p> <p>Note 1. Certification information</p> <ul style="list-style-type: none"> • Applicable Standard GB/T 3836.1, GB/T 3836.2, GB/T 3836.31 • Type of Protection and Marking code Ex db IIC T5…T6 Gb Ex tb IIIC T70°C…T90°C Db • Enclosure: IP66 in accordance with IEC60079-0 <p>Note 3. Installation</p> <ul style="list-style-type: none"> • When the one type of protection is installed, tick the box of the selected type of protection on the label when the transmitter is installed to avoid confusion. <p><input checked="" type="checkbox"/> Ex db IIC T5…T6 Gb <input type="checkbox"/> Ex tb IIIC T70°C…T90°C Db</p>

Item (III) Nameplates for ATEX/IECEx Certification

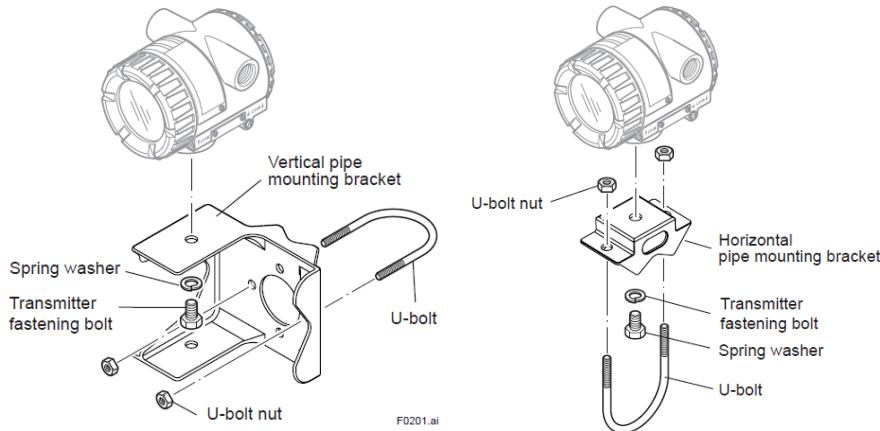
Name plates for ATEX/IECEx certification has changed as shown below.

2.7.1 ATEX Certification	2.7.2 IECEx Certification
<p>(6) Name Plate</p> <p>YTA710 /KF2 Flameproof and Dust ignition proof type</p> <p></p> <p></p> <p>F0205.ai</p>	<p>(3) Name Plate</p> <p>YTA710 /SF2 Flameproof and Dust ignition proof type</p> <p></p> <p></p> <p>F0208.ai</p>
<p>Intrinsically safe approval and Flameproof and Dust ignition approval (4 - 20 mA type)</p> <p></p> <p></p> <p>F0206.ai</p>	<p>Intrinsically safe approval and Flameproof and Dust ignition approval (4 - 20 mA type)</p> <p></p> <p></p> <p>F0209.ai</p>
<p>Intrinsically safe approval and Flameproof and Dust ignition approval (Fieldbus type)</p> <p></p> <p></p> <p>F0207.ai</p>	<p>Intrinsically safe approval and Flameproof and Dust ignition approval (Fieldbus type)</p> <p></p> <p></p> <p>F0210.ai</p>

Item (V) Mounting Bracket

Mounting brackets has changed as shown in the figures below.
Please replace the existing figures by the following updated figures.

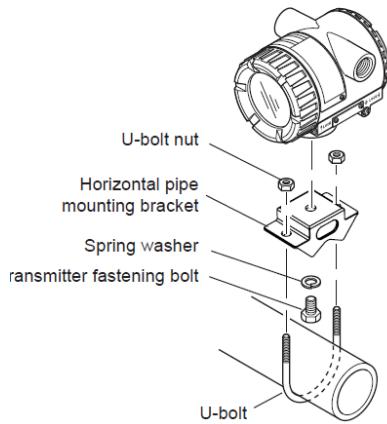
2. Notes on handling



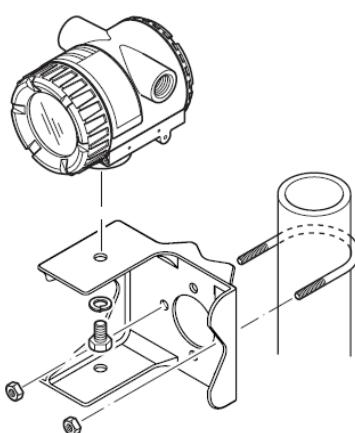
4. Installation

Horizontal Pipe Mounting

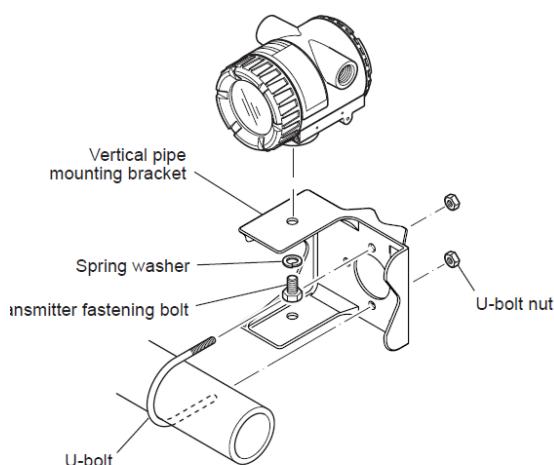
- When using a horizontal pipe mounting bracket



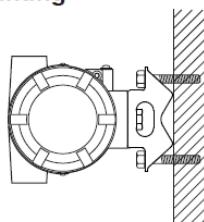
Vertical Pipe Mounting



- When using a vertical pipe mounting bracket



Wall Mounting



Note: Wall mounting bolts are user-supplied.

Please use this manual change for the manuals as listed in below.

1. Applicable User's Manual and Page

IM No.	Ed.	IM Title	Applicable Item
IM 01C50G01-01EN	7th	YTA610 and YTA710 Temperature Transmitter (Hardware)	(I)

2. Information to be replaced

Please replace the existing descriptions by the following updated descriptions.

Item (I) CSA Certification

Applicable Part	Before change	After change
2.7.4 CSA Certification	<p>b) CSA Explosionproof Type</p> <p>Caution for CSA Explosionproof type</p> <p>Note 1. Certification information</p> <ul style="list-style-type: none">• Applicable Standard: C22.2 No. 25, C22.2 No. 30, C22.2 No. 94.2, C22.2 No. 142, C22.2 No. 157, C22.2 No. 213, C22.2 No. 61010-1, C22.2 No. 61010-2-030• Ambient Temperature: -40 to 60°C <p>Note 3. Operation</p> <ul style="list-style-type: none">• Keep strictly the "WARNING" on the label attached on the transmitter. <p>WARNING: OPEN CIRCUIT BEFORE REMOVING COVER. AFTER DE-ENERGIZING, DELAY 2 MINUTES BEFORE OPENING. OUVRIR LE CIRCUIT AVANT D'ENLEVER LE COUVERCLE. APRÈS POWER-OFF, ATTENDRE 2 MINUTES AVANT D'OUVRIR.</p> <p>Note 5. Surge absorber</p> <ul style="list-style-type: none">• When Lightning Protector is removed or installed "OPEN CIRCUIT BEFORE REMOVEING COVER.", or "AFTER DE-ENERGIZING, DELAY 2 MINUTES BEFER OPENING."	<p>b) CSA Explosionproof Type</p> <p>Caution for CSA Explosionproof type</p> <p>Note 1. Certification information</p> <ul style="list-style-type: none">• Applicable Standard: C22.2 No. 25, C22.2 No. 30, C22.2 No. 94.2, C22.2 No. 213, C22.2 No. 61010-1, C22.2 No. 61010-2-030• Ambient Temperature: -40 to 60°C (Gas) -30 to 60°C (Dust) <p>Note 3. Operation</p> <ul style="list-style-type: none">• Keep strictly the "WARNING" on the label attached on the transmitter. <p>WARNING: AFTER DE-ENERGIZING, DELAY 2 MINUTES BEFORE OPENING. APRÈS POWER-OFF, ATTENDRE 2 MINUTES AVANT D'OUVRIR.</p> <p>Note 5. Surge absorber</p> <ul style="list-style-type: none">• When Lightning Protector is removed or installed "AFTER DE-ENERGIZING, DELAY 2 MINUTES BEFER OPENING."

The number of substances regulated by China RoHS has been expanded from six to ten, and four types of phthalate esters, namely dibutyl phthalate (DBP), diisobutyl phthalate (DIBP), butyl benzyl phthalate (BBP), and bis(2-ethylhexyl) phthalate (DEHP), have been added.

We have published a new manual on China RoHS and posted it on our website. Please refer to the IM 01C00A20-01ZH for the latest China RoHS information for each product. You can find the manual by searching IM number in the Yokogawa library "<https://www.yokogawa.com/library/>". Accordingly, please replace the China RoHS information including six substances list described in the manual listed below with the information of the IM 01C00A20-01ZH. If the manuals do not include China RoHS information including six substances list, please also refer to the IM 01C00A20-01ZH.

Category	Applicable Manual	Edition	Applicable Manual	Edition
EJX/EJA	IM 01C25A01-01E	16 or 17	IM 01C31Y01-01EN	6
YTA	IM 01C50E01-01EN	12	IM 01C50G01-01EN	7
Field Wireless	IM 01W03D01-01EN	7	IM 01W03C01-01EN	3
	IM 01W03E01-01EN	5	IM 01W03B02-01EN	2
	IM 01W03E03-01EN	3	IM 01W03C01-02EN	1
	IM 01W02D01-11EN	8	IM 01C27B01-01EN	17
	IM 01W02D02-11EN	5	IM 01C27C01-01EN	14
	IM 01W03H01-01EN	2	IM 01C27H01-01EN	14
	IM 01W03L01-01EN	3	IM 01C27F01-01EN	14
	IM 01W03B01-01EN	8	IM 01W02E02-11EN	4
Tool	IM 01C25R51-10E	13	IM 01R01A04-01E	16

The following is an example of the six substances list of China RoHS information as described in each manual.

产品中有害物质或元素的名称及含量						
型号	部件名称	有害物质				
		铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)
EJX/EJA-E Series 差压/压力变送器	壳体组件	×	○	○	○	○
	膜盒组件	×	○	○	○	○
	电路板组件	×	○	○	○	○
	安装附件	○	○	○	○	○

○：表示该部件的所有均质材料中的有害物质的含量均在 GB/T26572 标准中所规定的限量以下。

×：表示至少该部件的某些均质材料中的有害物质的含量均在 GB/T26572 标准中所规定的限量以上。

环保使用期限：

 该标识适用于 SJ/T11364 中所述，在中华人民共和国销售的电子电气产品的环保使用期限。

注) 该年数为“环保使用期限”，并非产品的质量保证期。