

SAFETY INSTRUCTIONS

Ex/I.S. installation:

- For correct use and installation the manufacturer's manual must be followed. When programming the Transmitter by PC and communication interface or a HART® terminal the intrinsically safe data shall be observed.
- The designation galvanic isolation between the transducer input and the loop supply indicates signal isolation only. It shall not be interpreted as an Intrinsically Safe galvanic isolation like an isolating barrier. Therefore ordinary care in selecting barrier and grounding shall be considered.
- The apparatus must be installed in an enclosure with an Ingress Protection of at least IP 20.
- The terminals 1 and 2 of the equipment have to be electrically connected to a linear barrier located in the non hazardous area.
- For Ex/I.S. data, see chapter 7. Approvals Options.

The YTA70 is a head mount type of temperature transmitter that accepts thermocouple or RTD input and converts it to a 4 to 20 mA DC signal for transmission. The YTA70 specifies HART communication protocol for remote configuration.

It is imperative that users observe the instructions in this manual to ensure the protection and safety of operators.

1. Model and Suffix Codes

Model	Suffix code	Descriptions
YTA70	Temperature Transmitter
Output Signal	-J.....	4 to 20mA DC with digital communication (HART 5/HART 7 protocol)
Optional Specifications	/KS2	ATEX intrinsically safe approval
	/SS2	IECEx intrinsically safe, FM intrinsically safe/ Nonincendive, and ATEX intrinsically safe approval combination

2. Warranty

The warranty period of the instrument is as of condition shown when purchasing. Any trouble arising during the warranty period shall be replaced at free of charge. The following problems or troubles shall not be eligible of charge-exempt repair.

- Caused by improper usage or storage of the customer which exceeds the specification requirements.
- Caused by mishandling or modification.
- Caused by fire, earthquake or other acts of God that are not directly a result of problems of the instrument.

3. Handling Precautions

- Read this manual thoroughly and carefully before handling the instruments. Observe the instructions.
- Store the product in location that meets the following requirements.
 - No exposure to rain or water
 - No major mechanical vibration or shock
 - Humidity and Temperature limitations
 - Ordinary conditions(25°C, 65%) is preferable.
 Otherwise, as of specified in "Standard Specifications."
- Avoid corrosive atmosphere for storage and installation.
- For safe installation of the transmitter in hazardous area, the following must be observed. The module must only be installed by qualified personnels who are familiar with the national and international laws, directives, and standards that apply to this area.
- Yokogawa will not be liable for malfunctions or damage resulting from any modification made to this instrument by the customer.

4. Standard Specifications

Accuracy (see table below)

Sensor type	Standard	Input ranges		Minimum span		Accuracy (value whichever is greater)
		°C	°F	°C	°F	
<T/C>						
B *1	IEC584	400 to 1820	752 to 3308	200	360	±0.1% of span or ±1.0°C
E		-100 to 1000	-148 to 1832	50	90	±0.1% of span or ±0.5°C
J		-100 to 1200	-148 to 2192	50	90	
K		-180 to 1372	-292 to 2502	50	90	
N		-180 to 1300	-292 to 2372	100	180	
R		-50 to 1760	-58 to 3200	200	360	±0.1% of span or ±1.0°C
S		-50 to 1760	-58 to 3200	200	360	
T		-200 to 400	-328 to 752	50	90	±0.1% of span or ±0.5°C
L	DIN43710	-100 to 900	-148 to 1652	50	90	
U		-200 to 600	-328 to 1112	75	135	
Lr *2	GOST 3044-84	-200 to 800	-328 to 1472	50	90	±0.1% of span or ±1.0°C
W3	ASTM	0 to 2300	32 to 4172	200	360	
W5		0 to 2300	32 to 4172	200	360	
<RTD>						
Pt100	IEC751	-200 to 850	-328 to 1562	10	18	±0.1% of span or ±0.1°C
Ni100	DIN43760	-60 to 250	-76 to 482	10	18	±0.1% of span or ±0.2°C
DC Voltage		-800 to 800 [mV]		2.5 [mV]		±0.1% of span or ±0.01mV
Resistance		0 to 7000 [Ω]		25 [Ω]		±0.1% of span or ±0.1Ω

*1: In T/C type B for output signal code J, the minimum range value can be set from 0. However, the accuracy between 0 to 400 is not specified.

*2: Applicable for protocol revision of HART 7.

Cold Junction Compensation Accuracy(For T/C only)

±1°C (±1.8°F)

Ambient Temperature Effects (per 10°C Change)

For E, J, K, L, N, T and U thermocouple inputs:

±0.05% of span or ±0.25°C, whichever is greater

For R, S, B, Lr, W3 and W5 thermocouple inputs:

±0.05% of span or ±1°C, whichever is greater

For Pt100 and Ni100 RTD inputs:

±0.05% of span or ±0.05°C, whichever is greater

For DC voltage input:

±0.05% of span or ±5µV, whichever is greater

For Resistance(ohm) input:

±0.05% of span or ±0.05Ω, whichever is greater

Power Supply Effects

±0.005% of FS per Volt

RFI Effects

Tested per EN 61326, field intensity up to 10 V/m.

EMC Conformity CE, N200

EN 61326, AS/NZS CISPR11

Maximum Zero Offset

±50% of the maximum temperature

Input Signal Source Resistance (for T/C input)

10 MΩ, or 3 kΩ at power-off

Input Lead Wire Resistance (for RTD input)

5 Ω per wire or lower

(up to 50 Ω per wire is configurable with reduced measurement accuracy)

Burnout

High(NAMUR NE43 upscale), Low(NAMUR NE43 downscale) or value within 3.5 to 20 mA

Output

Two wire 4 to 20 mA DC

Response Time

1 to 60 sec programmable

Ambient Temperature Limits (Option code may affect limit)

-40 to 85°C (-40 to 185°F)

Ambient Humidity Limits

0% to 95% RH (non-condensation)

Supply Voltage

8 to 35 V DC

8 to 30 V DC for Intrinsically safe type

13.8 to 35 V DC for digital communication

Load Resistance

Limitation: 0 to (E-8)/0.0236 [Ω], where E is power supply voltage.

Isolation

Input/output isolated to 1500 V AC.

Mounting

DIN form B head mounting

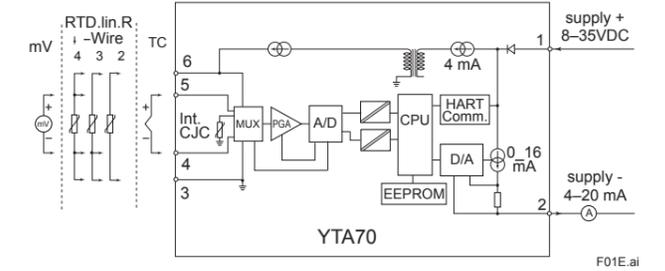
Terminals

M3 screws

Weight

50 g (0.11 lb)

5. Block Diagram



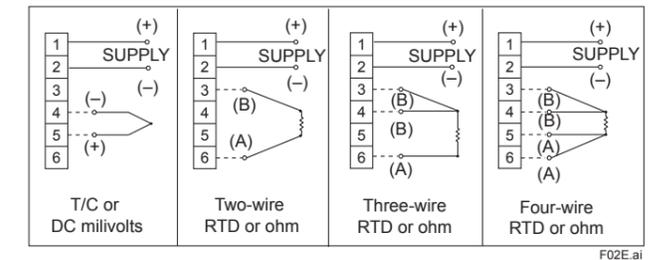
6. Wiring

See wiring diagram. For output signal, use twisted pair or cables with performance equivalent to 600V vinyl insulate cable. For wiring in high or low temperature, use a wire or cable suitable for such temperature. Use cables and wires which meet atmospheric conditions. Take necessary measure to avoid corrosion or damage of cables and wires.

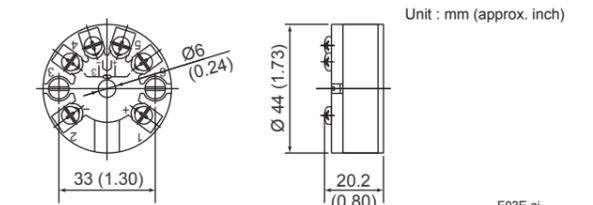


When mounting on a sensor head, do not overtighten the screws.

Wiring Diagram



Dimensions



7. Approvals Options

7.1 ATEX Intrinsically safe model (/KS2, /SS2)

For safe installation of YTA70-J/KS2 and YTA70-J/SS2 the following must be observed. The module shall only be installed by qualified personnel who are familiar with the national and international laws, directives and standards that apply to this area.

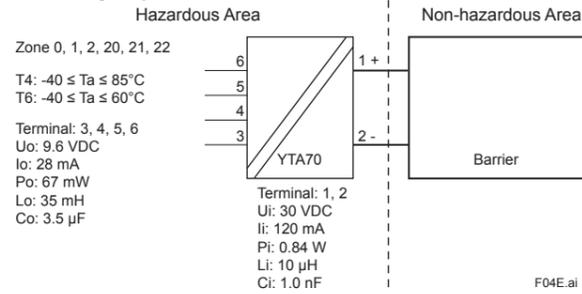
Year of manufacture can be taken from the first two digits in the serial number.

ATEX Certificate: KEMA 10 ATEX0027

II 1 G Ex ia IIC T6 or T4 Ga
II 1 D Ex ia IIC Da
IM 1 Ex ia I Ma

Applicable Standard: EN 60079-0: 2009, EN 60079-11: 2007,
 EN 60079-26: 2007, EN 61241-11: 2006

[Installation diagram]



Maximum Ambient Temperature for gas-proof

For T4: 85°C, For T6: 60°C

Maximum Surface Temperature for dust-proof

For T4: T105°C (Ambient Temperature: -40 to 85°C)

For T6: T85°C (Ambient Temperature: -40 to 60°C)

Installation notes

For installation in a potentially explosive gas atmosphere, the following instructions apply:

The sensor circuit is not infallibly galvanic isolated from the supply output circuit. However, the galvanic isolation between the circuits is capable of withstanding a test voltage of 500Vac during 1 minute.

The transmitter shall be mounted in an enclosure form B according to DIN43729 or equivalent that is providing a degree of protection of at least IP20 according to EN60529 that is suitable for the application and correctly installed.

If the enclosure is made of aluminium, it must be installed such, that even in the event of rare incidents, ignition sources due to impact and friction, sparks are excluded.

If the enclosure is made of non-metallic materials, electrostatic charging shall be avoided.

For installation in a potentially explosive dust atmosphere, the following instructions apply:

The transmitter shall be mounted in a metal enclosure form B according to DIN43729 or equivalent, that is providing a degree of protection of at least IP6X according to EN60529 that is suitable for the application and correctly installed.

Cable entries and blanking elements shall be used that are suitable for the application and correctly installed.

For an ambient temperature $\geq 60^\circ\text{C}$, heat resistant cables shall be used with a rating of at least 20 K above the ambient temperature.

For installation in mines the following instructions apply:

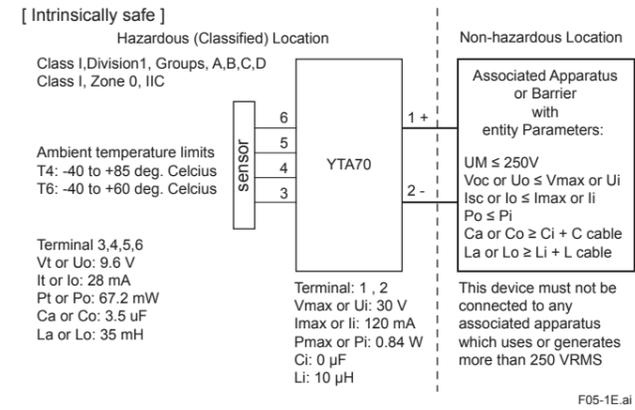
The transmitter shall be mounted in a metal enclosure that is providing a degree of protection of at least IP6X according to EN60529, and is suitable for the application and correctly installed.

Cable entries and blanking elements shall be used that are suitable for the application and correctly installed.

7.2 FM Intrinsically safe/Nonincendive model (/SS2)

Applicable Standard: Class 3600, Class 3610, Class 3611, Class 3810,
 ANSI/ISA-60079-0, and ANSI/ISA-60079-11

Installation diagram



The entity concept

The Transmitter must be installed according to National Electrical Code (ANSI-NFPA 70) and shall be installed with the enclosure, mounting, and spacing segregation requirement of the ultimate application.

Equipment that is FM-approved for intrinsic safety may be connected to barriers based on the ENTITY CONCEPT. This concept permits interconnection of approved transmitters, meters and other devices in combinations which have not been specifically examined by FM, provided that the agency's criteria are met. The combination is then intrinsically safe, if the entity concept is acceptable to the authority having jurisdiction over the installation.

The entity concept criteria are as follows:

The intrinsically safe devices, other than barriers, must not be a source of power.

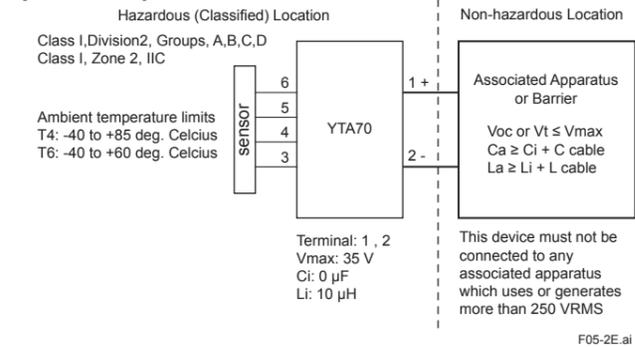
The maximum voltage $U_i(V_{\text{MAX}})$ and current $I_i(I_{\text{MAX}})$, and maximum power $P_i(P_{\text{MAX}})$, which the device can receive and remain intrinsically safe, must be equal to or greater than the voltage (U_o or V_{OC} or V_i) and current (I_o or I_{SC} or I_i) and the power P_o which can be delivered by the barrier.

The sum of the maximum unprotected capacitance (C_i) for each intrinsically device and the interconnecting wiring must be less than the capacitance (C_a) which can be safely connected to the barrier.

The sum of the maximum unprotected inductance (L_i) for each intrinsically device and the interconnecting wiring must be less than the inductance (L_a) which can be safely connected to the barrier.

The entity parameters U_o, V_{OC} or V_i and I_o, I_{SC} or I_i , and C_a and L_a for barriers are provided by the barrier manufacturer.

[Nonincendive]



7.3 IECEx Scheme Intrinsically safe model (/SS2)

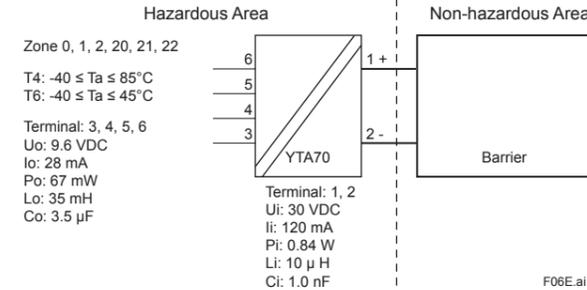
For safe installation of YTA70 the following must be observed. The module shall only be installed by qualified personnel who are familiar with the national and international laws, directives and standards that apply to this area.

Year of manufacture can be taken from the first two digits in the serial number.

Certificate No.: IECEx KEM 10.0086

Applicable Standard: IEC 60079-0:2007-10, IEC 60079-11:2006,
 IEC 60079-26:2006, IEC 61241-11:2005

[Installation diagram]



Installation notes

For installation in a potentially explosive gas atmosphere, the following instructions apply:

The sensor circuit is not infallibly galvanic isolated from the supply output circuit. However, the galvanic isolation between the circuits is capable of withstanding a test voltage of 500Vac during 1 minute.

The transmitter shall be mounted in an enclosure form B according to DIN43729 or equivalent that is providing a degree of protection of at least IP20 according to EN60529 that is suitable for the application and correctly installed.

If the enclosure is made of aluminium, it must be installed such, that even in the event of rare incidents, ignition sources due to impact and friction, sparks are excluded.

If the enclosure is made of non-metallic materials, electrostatic charging shall be avoided.

For installation in a potentially explosive dust atmosphere, the following instructions apply:

The transmitter shall be mounted in a metal enclosure form B according to DIN43729 or equivalent, that is providing a degree of protection of at least IP6X according to EN60529 that is suitable for the application and correctly installed.

Cable entries and blanking elements shall be used that are suitable for the application and correctly installed.

For an ambient temperature $\geq 60^\circ\text{C}$, heat resistant cables shall be used with a rating of at least 20 K above the ambient temperature.

For installation in mines the following instructions apply:

The transmitter shall be mounted in a metal enclosure that is providing a degree of protection of at least IP6X according to EN60529, and is suitable for the application and correctly installed.

Cable entries and blanking elements shall be used that are suitable for the application and correctly installed.

7.4 Name Plate

[/KS2]



[/SS2]



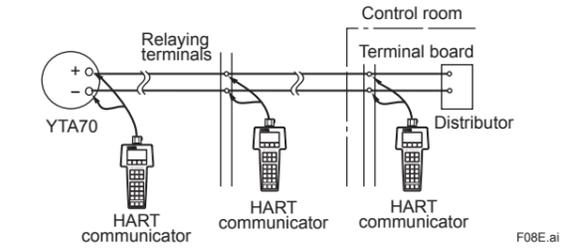
8. HART Communication

8.1 Connection and Requirements

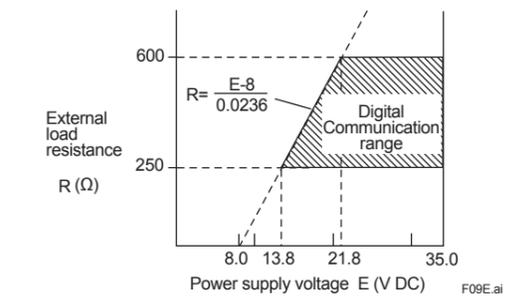
A standard HART communicator can be used for programming the YTA70. The HART communicator must be loaded with the appropriate DDL driver for YTA70.

Minimum loop resistance is 250 Ω . If the receiving equipment has a lower resistance, a serial resistor must be inserted to communicate with the HART communicator.

[Connection]



[Communication requirement]



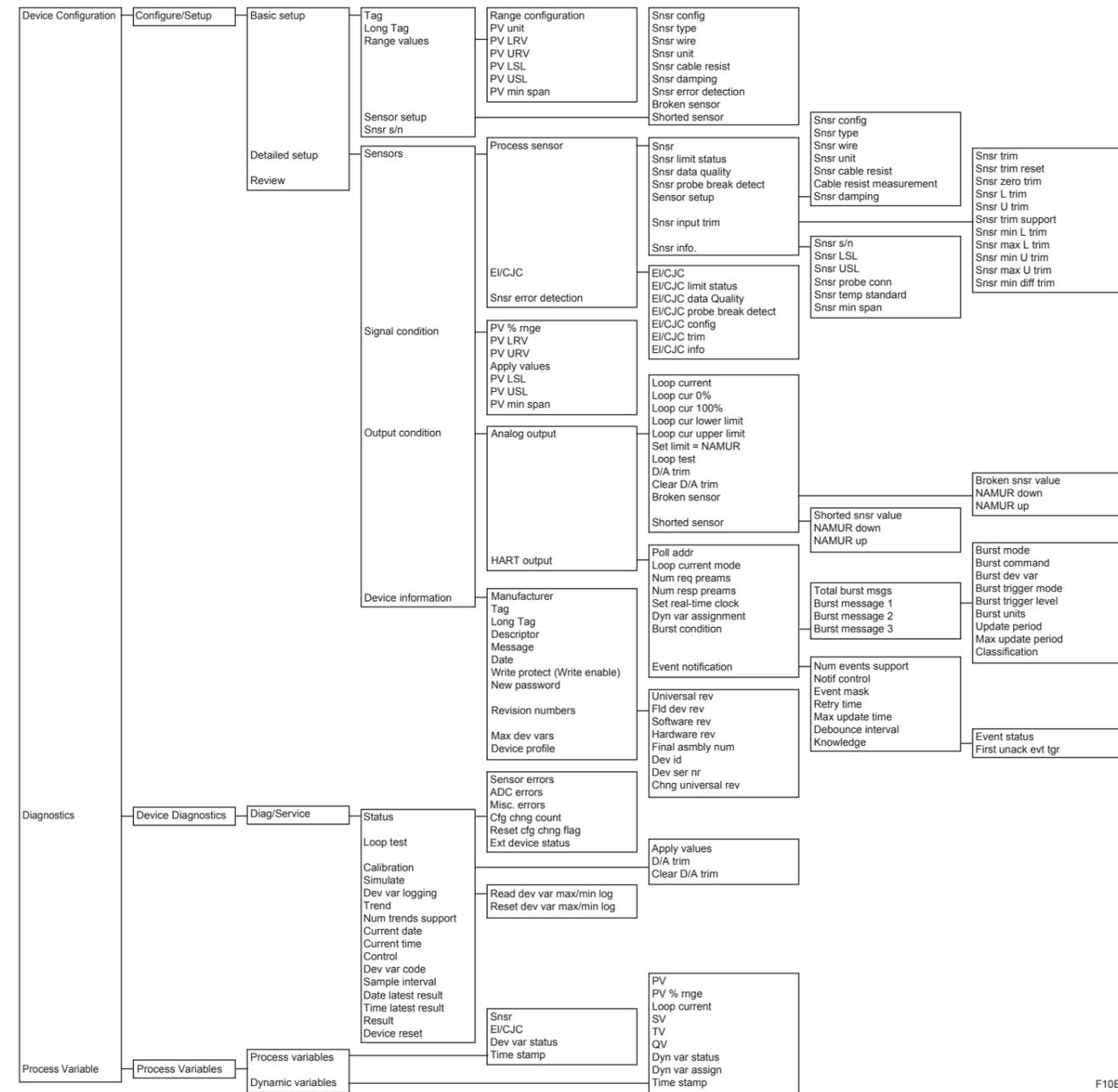
8.2 Switching HART Protocol Revision

HART protocol revision of the transmitter can be selectable from 5 or 7. The HART protocol revision is set and shipped as specified in the order. To change the HART protocol revision after shipment, follow the procedure shown below. Please note that selecting HART 5 will change the model code of YTA70-J to YTA70-E on the configuration tool.

- 1) Call up the parameter for protocol revision change.
 Device setup -> Detailed setup -> Device information -> Revision numbers -> Chng universal rev
- 2) Activate the "Chg universal rev" method.
- 3) Select OK for confirmation message screen twice.
- 4) Select a HART protocol revision 5 or 7.
- 5) Enter a write protect password. The default password is "*****", eight asterisks.
- 6) The device will automatically restarts with a new HART protocol revision. Restart the HART configuration tool for parameter settings.

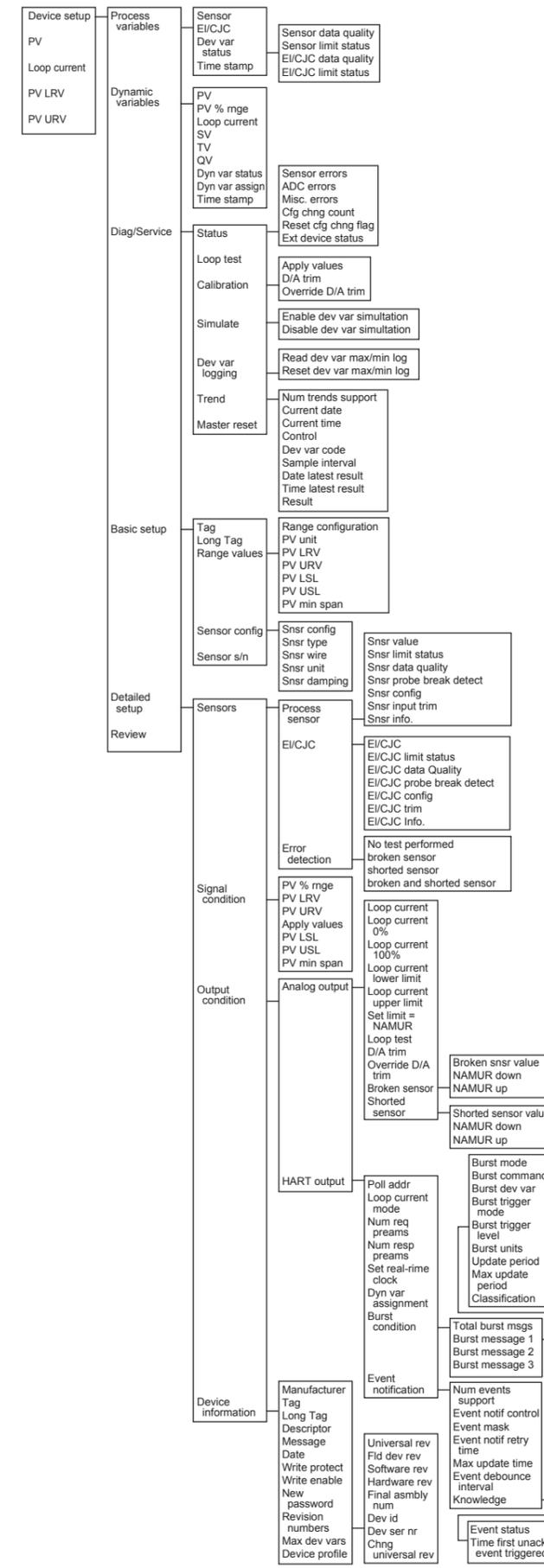
8.3 Parameters

YTA70 HART 7 DTM Menu Tree



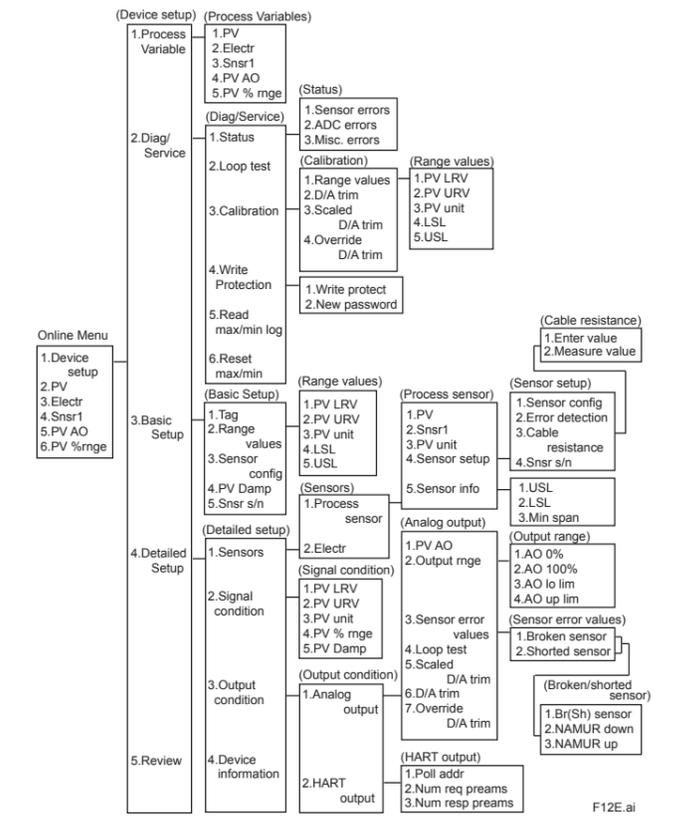
F10E.ai

YTA70 HART 7 DD Menu Tree



F11E.ai

YTA70 HART 5 DD Menu Tree

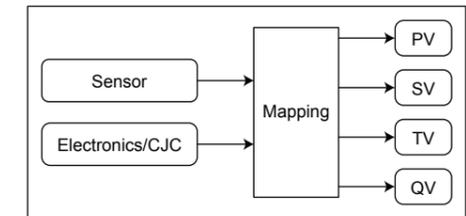


F12E.ai

Device Variables Mapping (HART 7)

There are two device variables available.

- 1) Sensor
- 2) Electronics/CJC (EI/CJC)



F13E.ai

Burst Parameters (HART 7)

Command Parameter	Burst Command	Burst Msg Trigger Mode	Burst Trigger Source	Burst Trigger Units
PV Temperature value assigned to PV	Cmd1: PV	Continuous Window Rising Falling On-change	PV	Depend on PV assignment
% range/Loop current	Cmd2: % range/Current	Continuous Window Rising Falling On-change	% range	%
Process variables/Loop current	Cmd3: Dyanamic variables/Current	Continuous Window Rising Falling On-change	PV	Depend on PV assignment
Process vars/% range/Loop current with status	Cmd9: Device variables with status	Continuous Window Rising Falling On-change	Sensor, EI/CJC, PV, SV, TV, QV(*1)	Depend on burst trigger source
Process vars/% range/Loop Current	Cmd33: Device variables	Continuous Window Rising Falling On-change	Sensor, EI/CJC, PV, SV, TV, QV(*1)	Depend on burst trigger source
Self diagnosis information	Cmd48: Additional device status	Continuous	-	-

(*1) Loop current and % range are selectable from menu but not available.

Parameters List

Item	Parameter name	Protocol revision	Descriptions	Initial setting		
Process variables	Process variable	Snsr <PV>	7 <5>	Measured variables in engineering unit	-	
		EI/CJC <Electr>	7 <5>	Terminal temperature	-	
		Dev var status	7	Display data quality and limit status of Snsr and EI/CJC	-	
	Dynamic variable	PV/SV/TV/QV	7	Display dynamic variables	-	
		Dyn var status	7	Display data quality and limit status of PV/SV/TV/QV	-	
		Dyn var assign	7	Setting an assignment for PV/SV/TV/QV	PV=Sensor, SV=EI/CJC, TV=QV=None	
	Output value	Loop current <PV AO>	7 <5>	Output value in mA	-	
		PV % rnge	7, 5	Output value with respect to the range in %	-	
	PV Log	Read max/min log	5	Reads the maximum/minimum PV stored in the memory	-	
		Reset max/min	5	Clears the PV maximum/minimum log and restart logging	-	
Signal Condition	Range value	Range configuration	7	Range setting for PV LRV/PV URV	-	
		PV LRV/PV URV	7, 5	Lower/upper range value to defines the 0%/100% value of the measurement	0°C/150°C	
		Apply values	7	Rerange by actual input	-	
	Range Limit	Snsr LSL/USL	7	Maximum/minimum values for range setting	-	
		EI/CJC LSL/USL	7	Maximum/minimum values for EI/CJC range	-40°C, 135°C	
		PV LSL/PV USL <LSL/USL>	7 <5>	Shows the max./min. usable value for upper/lower range value	-	
	Unit	Snsr unit	7	Unit of sensor	°C	
		EI/CJC unit	7	Unit of EI/CJC	°C	
		PV unit	7, 5	Unit of PV	°C	
	Damping	Snsr damping <PV Damp>	7 <5>	Damping time constant in seconds: 0.4 to 60.0s	0.4s	
EI/CJC damping		7	Damping time constant in seconds: 0.4 to 60.0s	0.4s		
Sensor Setup	Sensor config	Snsr config	7	Sensor type and related settings.	-	
		Snsr type	7, 5	Sensor type and related settings. [When T/C or millivolts is selected] Always select "single" for a measurement type. [When RTD or ohm is selected] Always select 2-, 3- or 4-wire but others for the number of sensor wires.	Pt100, 3-wire, °C *1	
		Snsr wire	7	Display the number of sensor	3-wire	
		Snsr EI/CJC type	7	Display Internal CJC or Fixed CJC	Internal sensor	
		Snsr s/n	7	Setting of serial number for connected sensor	0	
		RTD factor	5	For RTD only. Leave it to "1."	1	
	Cable resistance	Cold junction compensation	5	For T/C only. Always leave it to "1.internal sensor."	Internal sensor	
		Snsr cable resist	7	Display resistance of sensor cable	5.0Ω	
	Minimum span limit	Cable resist measurement <Measure value>	7 <5>	Actually measure the cable resistance of 2-wire RTD/ohm for compensation	-	
		Enter value	5	Enter new value of the RTD/ohm cable resistance for compensation	5.0Ω	
PV min span		7	Display PV minimum span	10°C		
Sensor errors	Snsr min span <Min. span>	7 <5>	Minimum settable span	10°C		
	EI/CJC min span	7	EI/CJC minimum span	10°C		
	Error detection	5	Type of sensor errors to be detected for burnout operation. (1)No test performed, (2) broken sensor, (3)shorted sensor*3, or (4)broken & shorted*3	broken sensor		
Output Condition	Analog output range	Loop cur 0%(100%) <AO 0%(100%)>	7 <5>	Output value for 0%(100%) in mA.	4mA(20mA)	
		Loop cur lower(upper) limit <AO lo(up) lim>	7 <5>	Output lower(upper) limit in mA. NAMUR, or 3.8 to 23mA	3.8mA(20.5mA)	
		Set limit = NAMUR	7	Setting for loop cur lower limit = 3.8mA, loop cur upper limit = 20.5mA	-	
		Loop test	7, 5	Change the output manually for testing the loop. 4mA, 20mA, or value within 3.5 to 23mA	-	
	Sensor error value	Broken snsr value	7	Setting for analog output value when sensor broken	23.0mA	
		Shorted snsr value	7	Setting for analog output value when sensor shorted	3.6mA	
		NAMUR down	7	Set analog output value to 3.5mA	-	
		NAMUR up	7	Set analog output value to 23mA	-	
		Sensor error values	5	Enter or select the output value when sensor error is detected. NAMUR upscale, NAMUR downscale, or value within 3.5 to 23mA	NAMUR upscale [high]*1	
		Diagnostics	Status	Snsr errors	7, 5	Show error status related to a sensor. When any one of the errors turns "ON", check the sensor and wiring
ADC errors	7, 5			Show error status related to analog to digital conversion. When any one of the errors turns "ON", restart the device. If error remains, replace the device	-	
Misc. errors	7, 5			Show error status related to a device. When any one of the errors turns "ON", restart the device. If error remains, replace the device.	-	
Ext device status	7			This bit is set if any Device Variable is in an Alarm or Warning State	Device Variable Alert (0x02)	
Cfg chng count	7			Configuration change counter	-	
Reset cfg chng flag	7			Reset configuration change counter	-	
Error detection	Snsr error detection		7	Type of sensor errors to be detected for burnout operation	broken and shorted sensor	
	Snsr probe break detect		7	Display "Snsr probe break detect" when sensor error	None	
Service	Device variable logging		Read dev var max/min log	7	Reads the maximum/minimum PV stored in the memory	-
			Reset dev var max/min log	7	Clears the PV maximum/minimum log and restart logging	-
	Data trending	Trend	7	Data trending support function	-	
	Simulation	Simulate	7	Execution of device variable simulation	-	
Device reset	Master reset	7	Software reset	-		

Item	Parameter name	Protocol revision	Descriptions	Initial setting		
Calibration	Analog output trim	D/A trim	7, 5	Allows the calibration of a selected analog output with an external reference at the operating endpoint	-	
		Clear D/A trim <Override D/A trim>	7 <5>	Overrides any previous D/A trimming by restoring factory calibration values	-	
		Scaled D/A trim	5	Allows the calibration of the analog output with the external reference which is scaled at 0 to 100%	-	
	Sensor trim	Snsr trim	7	Trimming	-	
		Snsr zero trim	7	Zeroing	-	
		Snsr trim reset	7	Reset sensor trim for factory setting	-	
		Snsr L trim	7	Display lower point of sensor trim	200.0°C	
		Snsr U trim	7	Display upper point of sensor trim	850.0°C	
	HART output	Time stamp	Time stamp	7	date and the time information which the transmitter maintains from the time of the power on	1900/1/1 0:00
		Polling address	Poll addr	7	Display and setting for multidrop (0 to 63)	0
Loop current mode			7	Loop current setting at multidrop	Off	
Preambles		Num req preams	7	Number of requested preambles	5	
		Num resp preams	7	Number of response preambles	5	
Set real-time clock		Set real-time clock	7	Setting for date and time	1900/1/1 0:00	
Burst mode		Total burst msgs	7	The number of burst mode functions	3	
		Burst mode	7	Setting for burst mode	Off	
		Burst command	7	Setting for burst command	cmd1	
		Burst dev var	7	Setting for device variable of cmd9 or cmd33	First slot: DV0, the rest not used	
		Burst trigger mode	7	Burst trigger mode selection from "Continuous", "Window", "Rising", "Falling", or "On change"	Continuous	
		Burst trigger level	7	Setting for burst trigger level	0°C	
		Burst units	7	Setting for unit of burst trigger level	°C	
		Update period	7	Update period for burst message	8s	
		Max update period	7	Maximum update period for burst message	60s	
		Event notification	Num events support	7	Maximum number of event support	1
Notif control			7	Enable event notification on token-passing data link layer	Off	
Event mask			7	Event masking	Off	
Retry time			7	Event notification retry time	8s	
Max update time			7	Maximum update time for event notification	60s	
Debounce interval	7		Debounce Interval to detect an event	8s		
Event status	7		Display event status	-		
First unack evt tgr	7		Display event time	-		
Device information	Manufacturer		7, 5	Manufacturer identification code	YOKOGAWA	
	Model		7, 5	Model name	YTA70-J	
	Tag	7, 5	Tag number, up to 8 alphanumeric characters	-		
	Long Tag	7, 5	Tag number, up to 32 alphanumeric characters.	-		
	Descriptor	7, 5	Text which can be used by user in any way. Up to 16 alphanumeric characters	-		
	Message	7, 5	Text which can be used by user in any way. Up to 32 alphanumeric characters	-		
	Date	7, 5	Date information. MM/DD/YY. Not incremented. The date is updated whenever changing on figuration via configuration tool	Factory calibration date		
	Write protect	7, 5	Enable write protect if correct password is entered*2	Not protected		
	Write enable	7	Disable write protect	-		
	New password	7, 5	Sets a new password for write protection, if correct password is entered	-		
Revision numbers	7, 5	Revision information for software and hardware	-			
Chng universal rev	7	HART protocol revision switch function	As specified in order			
Review	Input info	7, 5	List of input variables	-		
	Output info	7, 5	List of output variables	-		
	Device info	7, 5	See "Device information" in this table	-		

*1: Or as specified upon ordering.

*2: The initial setting of password upon shipment is "*****".

*3: With T/C or millivolts for sensor type, the alarm is generated when the input signal drops down below 2.5 mV.

◆ Revision Record

● Manual No. : IM 01C50C03-02EN

● Title : YTA70 Temperature Transmitter

Edition	Date	Page	Revised item
1st	Jan. 2014	—	New Publication.