

STT 3000 Temperature Transmitter Model Selection Guide Models STT350 & STT35F Fieldbus With Price Data

Model Selection Guide
34-44-16U-02 Issue 15

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Instructions

- Select the desired Key Number. The arrow to the right marks the selection available.
- Make one selection from each table using the column below the proper arrow.
A dot denotes unrestricted availability. A letter denotes restricted availability.
Restrictions follow Table VII.

Key Number I II III IV V VI VII
STT35_ - [] - [] - [] - [] - [] - [] - []

KEY NUMBER	Description	Selection	Availability
	STT350 Smart Temperature Transmitter Module (4-20mA/DE)	STT350	↓
	STT35F Fieldbus Temperature Transmitter Module	STT35F	↓
All modules carry the following approvals:			
FM:	Intrinsically Safe for Class I, Div. 1, Groups A,B,C & D *		
CSA:	Non-Incendive for Class I, Div. 2, Groups A,B,C,D Intrinsically Safe for Class I, II, III, Div. 1, Groups A,B,C,D,E,F,G		
ATEX	Intrinsically Safe for EEx ia IIC T6/T5/T4(Module)		
CE Mark:	All modules carry CE Mark and are in compliance with EN 50081-2 and 50082-2.		
	Russian Certificate of Pattern Approval No. 2064 of Jan. 1988.		

* Use of STT350/35F within Class II or III, Division 1 or 2, Groups E, F and G requires the use of explosionproof field mount housing option.

TABLE I - Sensor Probe and Thermowell Accessories

No Integral Sensor Probe or Thermowell Supplied	0	♦	♦
Sensor Probe and/or Thermowell mounted or tested with STT 3000 ⁽¹⁾	1	q	q

TABLE II - Transmitter Housing and Integral Meters (Select approval body certification in Table VII)

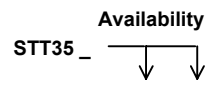
Explosion-Proof Field Mount Housing ⁽²⁾	No Housing Supplied	00 __	♦	♦
	Explosion-Proof Housing			
	- with baked on beige polyester/epoxy hybrid paint	EP __	♦	♦
	- with beige epoxy paint	XC __	♦	♦
	For Stainless Steel or Red Epoxy Painted Housing, select Table II EP __ and appropriate Table VI code.			
Integral Meter ⁽³⁾	No Meter Supplied	__ 00	♦	♦
	Analog Meter	__ ME	j	
	Smart Meter	__ SM	j	
	Fieldbus Smart Meter	__ FM		j

⁽¹⁾ Specify 8 digit customer I.D. when probe/well selected. See Price Pages 13:TP-1 to 16 for sensor/well selections and pricing.

⁽²⁾ With a housing, 20 characters max. of customer information is available on the nameplate at no charge.

(See 13:STT-OE-5 for ordering instructions.)

⁽³⁾ Remote Meter available as Model RMA300 (See Price Page 13:RM-1.)

**TABLE III - Configuration & Tagging**

Configuration	None - Factory Default Configuration Supplied	00 __	♦	♦
	Transmitter Configuration (see 13:STT-OE-5 for choices)	TC __	♦	
Customer Tagging ⁽⁴⁾	No Tagging Requested	-- 00	♦	♦
	316 SS Wired-on Customer I.D. Tag - (4 lines, 28 characters per line, customer specified information)	-- TG	j	j
	316 SS Wired-on Customer I.D. Tag (blank)	-- TB	j	j

TABLE IV - Optional Equipment

Mounting Arrangement	No Mounting Arrangement Supplied	00 _____	♦	♦
	DIN Rail Mounting via 2 Clips (to Top Hat or "G" Rail)	DR _____	k	k
	Carbon Steel Mounting Bracket for 2" Pipe	MB _____	j	j
	Stainless Steel Mounting Bracket for 2" Pipe	SB _____	j	j
316 SS Conduit Adaptor for Wiring Entry	No Adaptor(s) Supplied - 1/2" NPT Conduit Connection	-- 0 _____	♦	♦
	1/2" NPT to M20 x 1.5 : 1 Adaptor	-- 1 _____	c	c
	(EEx d IIC Approved) : 2 Adaptors	-- 2 _____	c	c
	1/2" NPT to 3/4" NPT : 1 Adaptor	-- 3 _____	c	c
Lightning Protection	No Lightning Protection Supplied	-- 00 ____	♦	♦
	External Lightning Protection - Mountable to Housing	-- LP ____	j	j
	Internal Surge/Lightning Protection	-- SP ____	j	j
Operator's/User's Manual	None	----- 00	♦	♦
	English Version (for STT35F Only) - 1 manual for 5 units	----- EF		♦
	English Version (for STT350 Only) - 1 manual for 5 units ⁽⁴⁾	----- EN	♦	
	French Version (1 manual for 5 units)	----- FR	♦	
	Spanish Version (1 manual for 5 units)	----- SP	♦	

TABLE V - Optional Extended Warranty Coverage & Certificates

Optional Extended Warranty	Standard Warranty	0 __	♦	♦
	Additional Warranty - 1 year	1 __	♦	♦
	Additional Warranty - 2 years	2 __	♦	♦
	Additional Warranty - 3 years	3 __	♦	♦
	Lifetime Warranty - 15 years	L __	♦	♦
Optional Certificate ⁽⁵⁾	No Transmitter Configuration/ Calibration Certificate	_ 0 _	♦	♦
	Transmitter Configuration/ Calibration Certificate (D-0097-RD.A)	_ D _	♦	♦
	No Certificate of Conformance/ Origin	-- 0	♦	♦
	Certificate of Conformance/ Origin (D-0098-RD.A)	_ C	♦	♦

⁽⁴⁾ Replaces Selection _____US⁽⁵⁾ Installation Guide, chosen Operator's Manuals and chosen Certificates are automatically shipped with unit.

See 13:STT-OE-7 for additional manuals and alternate shipping.

Availability
STT35 _ ↓ ↓
 0 F

TABLE VI - Additional Features

	Selection	0	F
No Selection	0000	♦	♦
Red Epoxy Painted Housing Cap	ST01	j	j
Red Epoxy Painted Explosion-Proof Housing ⁽⁵⁾	ST02	g	g
316 Stainless Steel Explosion-Proof Housing ⁽⁵⁾	ST07	g	g

⁽⁵⁾ Must be ordered with Table II EP __.**Pricing Table A**

Table VI	Table II
ST07	EP00
	EPME
	EPSM
	EPFM

TABLE VII - Safety Approval Body Selection Appearing on Housing Nameplate

Approval Body	Approval Type	Location or Classification			
None	-	No explosion-proof or flame-proof approval body certifications included	00	♦	♦
Factory Mutual	Explosion-Proof	Class I, Div. 1, Groups A,B,C,D	1C	f	f
	Dust Ignition-Proof	Class II, III Div. 1, Groups E,F,G			
	Intrinsically Safe	Class I, II, III, Div. 1, Groups A,B,C,D,E,F,G			
	Non-Incendive	Class I, Div. 2, Groups A,B,C,D Suitable for Class II, III, Div. 2, Groups F, G			
	Explosion-Proof	Class I, Div. 1, Groups B,C,D	1J	j	j
	Dust Ignition-Proof	Class II, III, Div. 1 Groups E,F,G			
	Intrinsically Safe	Class I, II, III, Div. 1, Groups A,B,C,D,E,F,G			
	Non-Incendive	Class I, Div. 2, Groups A,B,C,D Suitable for Class II, III, Div. 2, Groups F, G			
	Intrinsically safe	Class I, Division 1, Groups A,B,C,D	1G		m
	Intrinsically safe	Class I, Zone 0&1, AEx ia IIC			
	Non-Incendive	Class I, Division 2, Groups A,B,C,D			
CSA	Explosion-Proof	Class I, Div. 1, Groups B,C,D	2J	j	a
	Dust Ignition-Proof	Class II, Div. 1, Groups E,F,G Suitable for Class III, Div. 1 & 2, Groups E,F,G CSA Enclosure 4			
	Intrinsically Safe	Class I, II, III, Div. 1, Groups A,B,C,D,E,F,G			
	Intrinsically safe	Class I, Division 1, Groups A,B,C,D Class II, Groups E,F,G, Class III, Division 1	2S	m	m
ATEX*	Intrinsically safe, Zone 0/1	 II 1 G EEx ia IIC T6, T5, T4 (Module)	3S	♦	♦
	Flameproof, Zone 1	 II 2 G EEXd IIC T6 Enclosure rated IP 66/67	3D	j	j
	Non-Sparking, Zone 2	 II 3 G EEx nA, T6, zone 2(Honeywell) Module to be installed in IP54 enclosure	3N	j	j
SA	0/1	Ex ia IIC T4 (70oC Ambient)	4S	♦	

RESTRICTIONS

Restriction Letter	Available Only With		Not Available With	
	Table	Selection	Table	Selection
a		Availability Pending		
c	II	EP __, XC __	II	2J, 1C, 1J
f	II	EP __, XC __	II	__ SM, __ FM
g	II	EP __		
j	II	EP __, XC __		
k	II	0000		
m			II	EP __, XC __
q	I	1J, 2J		
	II	EP __, XC __		

Note: See 13:STT-9 and User's Manual for part numbers.

See 13:STT-OE-5 for OMS Order Entry Information including tagging, transmitter configuration, manuals, certificates, drawings and SPINS.

To request a quotation for a non-published "special", fax RFQ to Marketing Applications at 602 313-6155.