

Model Selection Guides are subject to change and are inserted into the specifications as guidance only. Prior to specifying or ordering a model check for the latest revision Model Selection Guides which are published at: www.honeywellprocess.com/en-US/pages/default.aspx

Model Selection Guide

**Model STT650
SmartLine Temperature DIN Rail**

Model Selection Guide:
34-44-16-16 Issue 2

Instructions: Make selections from all Tables Key through XIII using column below the proper arrow. Asterisk indicates availability. Letter (a) refer to restrictions highlighted in the restrictions table. Tables delimited with dashes.

Key	I	II	III	IV	V	VI	VII	VIII
STT650	-	-	-	-	-	-	-	0000

KEY NUMBER	Input Type
	DIN Rail Mount Temperature Transmitter

Availability Selection ↓

STT650	*
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Table I	No of Channels	Input
Channel Details	Single	RTD
	Single	Universal
	Dual	RTD
	Dual	Universal

S1	*
S2	*
T1	*
T2	*

Table II	No Selection
	No Selection

0	*
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TABLE III	Agency Approvals (see data sheet for Approval Code Details)
Approvals	No Approvals Zone 0 Approvals - Intrinsically Safe, Non-incendive, & Dustproof - (FM/CSA/ATEX/IECEX)

0	*
A	*

TABLE IV	TRANSMITTER ELECTRONICS SELECTIONS		
a. Electronic Housing Material & Input Type	Housing and Material	Input Type	Galvanic Isolation
	Plastic	RTD	No
	Plastic	Universal	Yes
b. Output/ Protocol	Analog Output		Digital Protocol
	4-20mA dc		PC Programable
	4-20mA dc		HART7 Protocol
	none		Foundation Fieldbus
c. No selection	none		Profibus PA
	No Selection		

A__	h
C__	i

A	*
H	a
F	a
P	a
__0	*

TABLE V	CONFIGURATION SELECTIONS		
a. Application Software	Diagnostics		
	Standard Diagnostics		
b. Output Limit, Failsafe & Write Protect Settings	Write Protect	Fail Mode	High & Low Output Limits ³
	No	High > 21.0mA dc	Honeywell Std (3.8 - 20.8 mA dc)
c. General Configuration	No	N/A	N/A Fieldbus or Profibus
	Factory Standard		
	Custom Configuration		

1__	*
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3	f
6	g
__S	*
__C	*

³ NAMUR Output Limits 3.8 - 20.5mA dc can be configured by the customer or select custom configuration Table Vc

TABLE VI		CALIBRATION & ACCURACY SELECTIONS		
a. Accuracy and Calibration	Accuracy	Calibrated Range	Calibration Qty	
	Standard	Factory Std	Single Calibration	
	Standard	Custom (Unit Data Required)	Single Calibration - 3 Point	
	Standard	Custom (Unit Data Required)	Single Calibration - 5 Point	

A	*
B	*
C	*

TABLE VII		Other Certifications and Options				
c. Certifications and Warranty	None - No additional options			00	*	b
	Certificate of Conformance			F3	*	
	Calibration Test Report & Certificate of Conformance			F1	*	
	Certificate of Origin			F5	*	b
	SIL Hardware assessment document - EXIDA			FE	j	
	Extended Warranty Additional 1 year			01	*	
	Extended Warranty Additional 2 years			02	*	
	Extended Warranty Additional 3 years			03	*	
	Extended Warranty Additional 4 years			04	*	
	Extended Warranty Additional 5 years			05	*	

TABLE VIII		Manufacturing Specials			
Factory	Factory Identification			0000	*

MODEL RESTRICTIONS

Restriction Letter	Available Only with		Not Available with	
	Table	Selection(s)	Table	Selection(s)
a			I	S1,T1
f			IVb	_F,P_
g			IVb	_H,A_
h			IVb	_H,F,P_
			I	S2,T2
i			I	S1,T1
j	IVb	_H_	Vb	_6_
b	Select only one option from this group			