

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.

List Price: Price equals the sum of prices for all selections made.

Key	I	II	III	IV	V	VI	VII	VIII	IX
STT850	-	-	-	-	-	-	-	-	XXXX



KEY NUMBER	Input Type
	Universal Input

Availability Selection

STT850	*	√
--------	---	---

Table I	No of Inputs
Input Details	Single
	Dual

S	*	√
T	*	√

Table II	Digital output
Digital Output	No

0	*	√
---	---	---

TABLE III	Agency Approvals (see data sheet for Approval Code Details)
Approvals	No Approvals Required
	FM Explosion proof, Intrinsically Safe, Non-incendive, & Dustproof
	CSA Explosion proof, Intrinsically Safe, Non-incendive, & Dustproof
	ATEX Explosion proof, Intrinsically Safe & Non-incendive
	IECEX Explosion proof, Intrinsically Safe & Non-incendive
	SAEx/CCoE Explosion proof, Intrinsically Safe & Non-incendive
	INMETRO Explosion proof, Intrinsically Safe & Non-incendive
	NEPSI Explosion proof, Intrinsically Safe & Non-incendive
	KOSHA Explosion proof, Intrinsically Safe & Non-incendive

0	*	√
A	*	√
B	*	√
C	*	√
D	*	√
E	*	√
F	*	√
G	*	√
H	*	√

TABLE IV TRANSMITTER ELECTRONICS SELECTIONS

a. Electronic Housing Material & Connection Type	Housing and Material	Connection	Lightning protection
	Polyester Powder Coated Aluminum	1/2 NPT	None
Polyester Powder Coated Aluminum	M20	None	
Polyester Powder Coated Aluminum	1/2 NPT	Yes	
Polyester Powder Coated Aluminum	M20	Yes	
316 Stainless Steel (Grade CF8M)	1/2 NPT	None	
316 Stainless Steel (Grade CF8M)	M20	None	
316 Stainless Steel (Grade CF8M)	1/2 NPT	Yes	
316 Stainless Steel (Grade CF8M)	M20	Yes	
b. Output/ Protocol	Analog Output		Digital Protocol
	4-20mA dc		HART Protocol
	4-20mA dc none		DE Protocol Foundation Fieldbus
c. Customer Interface Selections	Indicator	Config Buttons	Languages
	None	None	None
	None	Yes (Zero/Span Only)	None
	Basic	None	English
	Basic	Yes	English
	Advanced	None	EN,GR,FR,IT,SP,RU,TU
	Advanced	Yes	EN,GR,FR,IT,SP,RU,TU
Advanced	None	EN, CH, JP	
Advanced	Yes	EN, CH, JP	

A__	*	√
B__	*	√
C__	*	√
D__	*	√
E__	*	√
F__	*	√
G__	*	√
H__	*	√

H	*	√
D	*	√
F	*	√

__0	*	√
__A	f	√
__B	*	√
__C	*	√
__D	*	√
__E	*	√
__H	*	√
__J	*	√

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
	Disabled	High > 21.0mAdc	Honeywell Std (3.8 - 20.8 mAdc)
	Disabled	Low < 3.6mAdc	Honeywell Std (3.8 - 20.8 mAdc)
	Enabled	High > 21.0mAdc	Honeywell Std (3.8 - 20.8 mAdc)
	Enabled	Low < 3.6mAdc	Honeywell Std (3.8 - 20.8 mAdc)
	Enabled	N/A	N/A Fieldbus
Disabled	N/A	N/A Fieldbus	
c. General Configuration	Factory Standard		
	Custom Configuration		

1__	*	√
-----	---	---

1	f	√
2	f	√
3	f	√
4	f	√
5	g	√
6	g	√
__S	*	√
__C	*	√

³ NAMUR Output Limits 3.8 - 20.5mAdc 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

A	*	√
B	*	√

TABLE VII ACCESSORY SELECTIONS		
a. Mounting Bracket	Bracket Type	Material
	None	None
Pipe Mounting Bracket	Carbon Steel	
Pipe Mounting Bracket	316 SS	
Wall Mounting Bracket	Carbon Steel	
Wall Mounting Bracket	316 SS	
b. Customer Tag	Customer Tag Type	
	No customer tag	
	One Wired Stainless Steel Tag (Up to 4 lines 26 char/line)	
	Two Wired Stainless Steel Tag (Up to 4 lines 26 char/line)	
	One Wired Stainless Steel Blank Tag (Up to 4 lines 26 char/line)	
c. Unassembled Conduit Plugs & Adapters	Unassembled Conduit Plugs & Adapters	
	No Conduit Plugs or Adapters Required	
	1/2 NPT Male to 3/4 NPT Female 316 SS Certified Conduit Adapter	
	1/2 NPT 316 SS Certified Conduit Plug	
	M20 316 SS Certified Conduit Plug	
	Minifast® 4 pin (1/2 NPT) (not suitable for X-Proof applications)	
	Minifast® 4 pin (M20) (not suitable for X-Proof applications)	

0 ___	*	√
1 ___	*	√
3 ___	*	√
5 ___	*	√
6 ___	*	√
_ 0 _	*	√
_ 1 _	*	√
_ 2 _	*	√
_ 3 _	*	√
_ _ A0	*	√
_ _ A2	n	√
_ _ A6	n	√
_ _ A7	m	√
_ _ A8	n	√
_ _ A9	m	√

TABLE VIII Other Certifications and Options	
c. Certifications and Warranty	None - No additional options
	Certificate of Conformance
	Calibration Test Report & Certificate of Conformance
	Certificate of Origin
	SIL2/3 Certificate
	Extended Warranty Additional 1 year
	Extended Warranty Additional 2 years
	Extended Warranty Additional 3 years
	Extended Warranty Additional 4 years
	Extended Warranty Additional 15 years

00	*	√
F3	*	b √
F1	*	√
F5	*	√
FE	j	√
01	*	√
02	*	√
03	*	b √
04	*	√
15	*	√

TABLE IX Manufacturing Specials	
Factory	Factory Identification

0000	*
------	---

MODEL RESTRICTIONS

Restriction Letter	Available Only with		Not Available with	
	Table	Selection(s)	Table	Selection(s)
f			IVb	_ F _
g			IVb	_ H,D _
j	IVb	_ H _	Vb	_ 1,2,5,6 _
m	IVa	B,D,F,H _		
n	IVa	A,C,E,G _		
b	Select only one option from this group			

FIELD INSTALLABLE REPLACEMENT PARTS

Description	Kit Number
Integrally Mounted Basic Indicator Kit (Compatible with all Electronic Modules)	50049911-502
Integrally Mounted Advanced Indicator Kit (compatible with all Electronic Modules)	50049846-503
Single Input Terminal Strip w/o Lightning Protection for HART or DE Modules	50086421-501
Dual Input Terminal Strip w/o Lightning Protection Kit for HART or DE Modules	50086421-502
Single Input Terminal Strip w/Lightning Protection for HART or DE Modules	50086421-503
Dual Input Terminal Strip w/Lightning Protection Kit for HART or DE Modules	50086421-504
Single Input Terminal Strip w/o Lightning Protection FFB/Profibus Module	50086421-507
Dual Input Terminal Strip w/o Lightning Protection FFB/Profibus Module	50086421-508
Single Input Terminal Strip w/Lightning Protection Kit for FFB/Profibus Module	50086421-509
Dual Input Terminal Strip w/Lightning Protection FFB/Profibus Module	50086421-510
HART Electronics Module Kit	50086423-501
HART Electronics Module w/connection for external configuration buttons	50086423-502
DE Electronics Module Kit	50086423-503
DE Electronics Module w/connection for external configuration buttons	50086423-504
FFB Electronics Module Kit	50086423-505
FFB Electronics Module w/connection for external configuration buttons	50086423-506

PAPER MANUALS

Description	Part Number
Paper Manual STT850 Smart Temperature Transmitter User Manual - English	34-TT-25-03
Paper Manual STT850 Smart Temperature Transmitter Safety Manual - English	34-TT-25-05
Paper Manual STT850 Smart Temperature Transmitter HART/DE Communications Manual - English	34-TT-25-06
Paper Manual STT850 Smart Temperature Transmitter Foundation Fieldbus Manual - English	34-TT-25-07