

ST 3000 Series 900 Smart Transmitter Flush Mount Gauge Pressure Transmitter

Model Selection Guide With Price Data

Model Selection Guide

34-ST-16U-52 Issue 10

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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, I and II, using the column below the proper arrow.
Select as many Table III options as desired (if no options or approvals are desired, specify 9X).
A (♦) denotes unrestricted availability. A letter denotes restricted availability.

Key Number I II III (Optional) IV
 [] - [] - [] - [] + []
 [] - [] - [] - [] + []

KEY NUMBER

Span		Selection	Availability
Gauge	0-5 to 0-100 psi 0-0.34 to 0-7 bar	STG93P	↓

TABLE 1 METER BODY

Materials of Construction	Process Interface	Barrier Diaphragms		
	316 St. St.	-	Hastelloy C	F _ _ ♦
Fill	Silicone			_ 1 _ ♦
Process Head	1" Slip-in with Locking Screw (Sleeve not provided)			_ _ 1 ♦

TABLE II

No Selection	00000	♦
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TABLE III - OPTIONS

	Selection	Availability
Custom Calibration and I.D. in Memory	CC	♦
Transmitter Configuration	TC	♦
316 ST.ST. Electronics Housing - with M20 Conduit Connections	SH	n
1/2" NPT to M20 316SS Conduit Adapter (BASEEFA EEEx d IIC)	A1	n
1/2" NPT to 3/4" NPT 316 SS Conduit Adapter	A2	u
Stainless Steel Housing with M20 to 1/2" NPT 316 SS Conduit Adapter (use for FM and CSA Approvals)	A3	i

Table III continued next page

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TABLE III - OPTIONS

	Selection	Availability
None	00	♦
HART Protocol compatible electronics	HC	y
FOUNDATION Fieldbus Communications	FF	r
Analog Meter (0-100 Even 0-10 Square Root)	ME	♦
Smart Meter	SM	♦
Custom Configuration of Smart Meter	CI	m
Local Zero	LZ	s
Local Zero and Span	ZS	x
Lightning Protection	LP	♦
Custom Calibration and I.D. in Memory	CC	
Transmitter Configuration	TC	
Write Protection	WP	♦
End Cap Live Circuit Warning Label in Spanish (only with ATEX 3D)	SP	a
End Cap Live Circuit Warning Label in Portuguese (only with ATEX 3D)	PG	a
End Cap Live Circuit Warning Label in Italian (only with ATEX 3D)	TL	a
End Cap Live Circuit Warning Label in German (only with ATEX 3D)	GE	a
Calibration Fixture (with 1/4" NPT Port for Pressure Source)	CF	♦
316L SS Mounting Sleeve (requires customer installation to process)	MS	♦
Stainless Steel Customer Tag (4 lines, 28 characters per line)	TG	♦
Stainless Steel Customer Tag (Blank)	TB	♦
Calibration Test Report and Certificate of Conformance (F3399)	F1	♦
Certificate of Conformance (F3391)	F3	♦
Certification of Origin (F0195)/"Attestation" if Amiens built	F5	♦
FMEDA (SIL) Certificate	F6	♦
Additional Warranty - 1 year	W1	♦
Additional Warranty - 2 years	W2	♦
Additional Warranty - 3 years	W3	♦
Additional Warranty - 4 years	W4	♦

TABLE III - OPTIONS

Approval Body	Approval Type	Location or Classification		
NO HAZARDOUS LOCATIONS APPROVALS			9X	♦
Factory Mutual	Explosion Proof	Class I, Div. 1, Groups A,B,C,D	1C	♦
	Dust Ignition Proof	Class II, III, Div. 1, Groups E,F,G		
	Non-Incendive	Class I, Div. 2, Groups A,B,C,D		
	Intrinsically Safe	Class I, II, III, Div. 1, Grps. A,B,C,D,E,F,G		
C S A	Explosion Proof	Class I, Div. 1, Groups B,C,D	2J	♦
	Dust Ignition Proof	Class II, III, Div. 1, Groups E,F,G		
	Intrinsically Safe	Class I, II, III, Div. 1, Grps. A,B,C,D,E,F,G		
S A	Intrinsically Safe	Ex ia IIC T4	4G	♦
	Non-Sparking	Ex n IIC T6 (T4 with SM option)		
ATEX*	Intrinsically Safe, Zone 0/1	Ex i I 1 G EEx ia IIC T4, T5, T6	3S	♦
	Flameproof, Zone 1	Ex d I 2 G EEx d IIC T5, T6, Enclosure IP 66/67	3D	♦
	Non-Sparking, Zone 2	Ex n I 3 G EEx nA, IIC T6 (Honeywell). Enclosure IP 66/67	3N	♦
INMETRO (Brazil)	Flameproof, Zone 1	Ex d IIC T5	6D	♦

*See ATEX installation requirements in the ST 3000 User's Manual
97/23/EC Pressure Equipment Directive (PED)

The ST 3000 pressure transmitters listed in this Model Selection Guide are in conformity with the essential requirements of the PED. A formal statement from TÜV Industry Service Group of TÜV America, Inc., a division of TÜV Süddeutschland, a Notified Body regarding the Pressure Equipment Directive, is available upon request

TABLE IV

Factory Identification	X X X X	♦
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Restriction Letter		Available only with	Not available with	
	Table	Selection	Table	Selection
a	III	3D		
b	Select only one option from this group			
i	III	1C or 2J		
m	III	SM		
n			III	1C, 2J
r			III	TC, ME, 4G, 3S
x			III	FF, ME
s	III	FF, SM		
u	III	F1D3, C1C3, 1C, 2J		
y			III	4G

CE Conformity (Europe) 89/336/EEC, Electromagnetic Compatibility (EMC Directive). All options.

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