

ST 3000 Series 900 Smart Transmitter In-Line Gage Pressure (LGP)

Model Selection Guide With Price Data

Model Selection Guide

34-ST-16U-56 Issue 8

Honeywell Confidential & Proprietary

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.
Restrictions follow Table IV.

Key Number I II III (Optional) IV

_____ | - [_____] - [_____] - [_____] + [XXXX]

KEY NUMBER

	Span	Selection	Availability
Gage Pressure	0-20 to 0-500 psi/0-1.4 to 0-35 bar	STG90L	↓

TABLE I - METER BODY

	Wetted Process Heads	Vent/Drain Valves	Barrier Diaphragms		
Material of Const.	316 St. St.	--	316 LSS	E _ _	♦
Fill Fluid	Silicone			_ 1 _	♦
Process Head Configuration	1/2" NPT (female)			_ _ G	♦

TABLE II

No Selection	00000	♦
--------------	-------	---

TABLE III - OPTIONS

	Selection	
None	00	♦
HART [™] Protocol Compatible Electronics	HC	e
Analog Meter (0-100 Even 0-10 Square Root)	ME	♦
Smart Meter	SM	♦
Custom Configuration of Smart Meter	CI	m
Local Zero and Span	ZS	s
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
Stainless Steel Customer Wired-On Tag (4 lines, 28 characters per line, customer supplied information)	TG	♦
Stainless Steel Customer Wired-On Tag (blank)	TB	♦
Mounting Bracket - Carbon Steel	MB	♦
Mounting Bracket - ST. ST.	SB	♦
Flat Mounting Bracket - Carbon Steel	FB	♦

Table III continued next page

TABLE III - OPTIONS

	Selection		
1/2" NPT to M20 316SS Conduit Adapter (BASEEFA EEx d IIC)	A1	n	
1/2" NPT to 3/4" NPT 316 SS Conduit Adapter	A2	u	b
Calibration Test Report and Certificate of Conformance (F3399)	F1	♦	
Certificate of Conformance (F3391)	F3	♦	b
Certificate of Origin (F0195)	F5	♦	
NACE Certificate (F0198)	F7	♦	
Additional Warranty - 1 year	W1	♦	
Additional Warranty - 2 years	W2	♦	
Additional Warranty - 3 years	W3	♦	b
Additional Warranty - 4 years	W4	♦	

TABLE III - OPTIONS (continued)

Approval Body	Approval Type	Location or Classification	Selection	
No hazardous location 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, Groups A,B,C,D,E,F,G		
CSA	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, Groups A,B,C,D,E,F,G		
SA (Australia)	Intrinsically Safe	Ex ia IIC T4	4G	♦
	Non-Sparking	Ex n IIC T6 (T4 with SM option)		
ATEX*	Intrinsically Safe, Zone 0/1	Ex II 1 G EEx ia IIC T4, T5, T6	3S	♦
	Flameproof, Zone 1	Ex II 2 G EEx d IIC T5, T6, Enclosure IP 66/67	3D	♦
	Non-Sparking, Zone 2	Ex II 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	XXXX	♦
------------------------	------	---

RESTRICTIONS

Restriction		Available Only With		Not Available With
Letter	Table	Selection	Table	Selection
a	III	3D		
b		Select only one option from this group		
e			III	4G
m	III	SM		
n			III	1C, 2J
s			III	ME
u	III	F1D3, C1C3, 1C, 2J		

Note: See ST-29 and User's Manual for part numbers.

See ST-OE-9 for OMS Order Entry Information including TC, manuals, certificates, drawings and SPINS.

See ST-OD-1 for tagging, ID, Transmitter Configuration (TC) and calibration including factory default values.