

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

## Model Selection Guide With Price Data

Model Selection Guide  
34-ST-16U-28 Issue 26

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  
 [ ] - [ ] - [ ] - [ ] + [ ]

KEY NUMBER	Span	Selection	Availability
Gage Pressure	0-20 to 0-500 psi/0-1.4 to 0-35 bar	STG94L	↓
	0-300 to 0-3000 psi/0-21 to 0-210 bar	STG97L	↓
	0-500 to 0-6000 psi/0-35 to 0-415 bar	STG98L	↓
	0-500 to 0-10000 psi/0-35 to 0-690 bar	STG99L	↓

TABLE I - METER BODY

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

TABLE II

No Selection	00000	♦
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\*\* Vent/Drains are Teflon coated for lubricity.

TABLE III - OPTIONS

	Selection	4	7	8
None	00	♦		
HART <sup>®</sup> Protocol Compatible Electronics	HC	y		b
FOUNDATION Fieldbus Communications	FF	r		
Analog Meter (0-100 Even 0-10 Square Root)	ME	♦		b
Smart Meter	SM	♦		
Custom Configuration of Smart Meter	CI	m		
Local Zero	LZ	x		b
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		b
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	♦		b
Flat Mounting Bracket - Carbon Steel	FB	♦		
316 ST.ST. Electronics Housing - <i>with M20 Conduit Connections</i>	SH	n		
1/2" NPT to M20 316SS Conduit Adapter (BASEEFA EEx d IIC)	A1	n		b
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 ( <i>use for FM and CSA Approvals</i> )	A3	i		
Low Temperature - -50°C Ambient Limit	LT	♦		
Clean Transmitter for Oxygen or Chlorine Service with Certificate	OX	h		
Over-Pressure Leak Test with F3392 Certificate	TP	♦		
Calibration Test Report and Certificate of Conformance (F3399)	F1	♦		b
Certificate of Conformance (F3391)	F3	♦		
Certificate of Origin (F0195)	F5	♦		
FMEDA (SIL) Certificate	F6	♦		
NACE Certificate (F0198)	F7	♦		
Additional Warranty - 1 year	W1	♦		
Additional Warranty - 2 years	W2	♦		b
Additional Warranty - 3 years	W3	♦		
Additional Warranty - 4 years	W4	♦		

Table III continued next page

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	♦
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## RESTRICTIONS

Restriction		Available Only With		Not Available With
Letter	Table	Selection	Table	Selection
a	III	3D		
b		Select only one option from this group		
h	I	_ 2 _		
i	III	1C or 2J		
m	III	SM		
n			III	1C, 2J
r			III	TC, ME, 4G, 3S
s			III	FF, ME
u	III	F1D3, C1C3, 1C, 2J		
x	III	FF, SM		
y			III	4G

**Note:** See ST-83 for Published Specials with pricing.

See ST-89 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.

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

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