

ST 3000 Series 900 Smart Transmitter Differential Pressure (DP)

Model Selection Guide With Price Data

Model Selection Guide
34-ST-16U-55 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
 [] - [] - [] - [] + []

KEY NUMBER

Availability

Span		
0-16" to 0-400" H ₂ O/0-62 to 0-1000 mbar	STD904	▼
Body Rating: 3000 psi (210 bar)		

TABLE I - METER BODY

	Wetted Process Heads	Vent/Drain Valves and Plugs	Barrier Diaphragms		
Material of Const.	316 St. St.	316 St. St.	316 LSS	E _ _	♦
Fill Fluid	Silicone			_ 1 _	♦
Process Head	1/4" NPT			_ _ A	♦
Configuration	1/2" NPT with Adapter (on 1/4" NPT Head)			_ _ H	t

TABLE II

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

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	TG	♦
(4 lines, 28 characters per line, customer supplied information)		
Stainless Steel Customer Wired-On Tag (blank)	TB	♦
Adapter Flange - 1/2" NPT St. Steel	S2	c
Mounting Bracket - Carbon Steel	MB	♦
Mounting Bracket - ST. ST.	SB	♦
Flat Mounting Bracket - Carbon Steel	FB	♦
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
Calibration Test Report and Certificate of Conformance (F3399)	F1	♦
Certificate of Conformance (F3391)	F3	♦
Certificate of Origin (F0195)	F5	♦
NACE Certificate (F0198)	F7	♦
Additional Warranty - 1 year	W1	♦
Additional Warranty - 2 years	W2	♦
Additional Warranty - 3 years	W3	♦
Additional Warranty - 4 years	W4	♦

Availability

TABLE III - OPTIONS (continued)

Selection

Approval Body	Approval Type	Location or Classification		
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-Incendive	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 Letter	Table	Available Only With Selection	Table	Not Available With Selection
a	III	3D		
b		Select only one option from this group		
c	I	-- H		
e			III	4G
m	III	SM		
n			III	1C, 2J
s			III	ME
t	III	Select from Table III S2		
u	III	1C, 2J		

Note: See ST-83 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.

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