

ST 3000 Smart Pressure Transmitter

Published Special Options

Honeywell Confidential & Proprietary

Instructions

- Select the key number to which the special option is to apply. The arrow to the right marks the selection available.
- Place a "Y" in front of the model number. Select the special options as shown. A dot (•) denotes unrestricted availability. A letter denotes restricted availability. Restrictions follow.
- When quoting these "special" transmitters, use "standard" Model Selection Guide choices in place of the X's [except for the X that appears in (0X)].
- Type "PRICEBK" in the OP12/22 screen Special Quote No. field on the Sales Order.

Key Number Y - I - II - III (Options) + IV XXXX

KEY NUMBER

Selection

STD110/STD125/STM125	↓							
STD120		↓						
STD130/170/624			↓					
STD9XX				↓				
STG 1XX / 9XX					↓			
STA 1XX / 9XX						↓		
STF 1XX / 9XX							↓	
STR 1XX / 9XX								↓

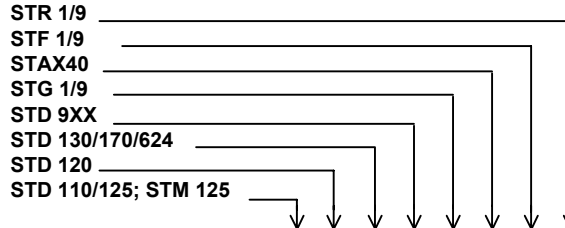
SPECIAL OPTIONS

Model Number Additions

Downscale Failsafe Electronics in Analog Mode	Table III (DB), (TG)	•	•	•	•	•	•	•
Cleaning of Transmitter Accessories for Oxygen or Chlorine Service	Table I X2X, Table III (0X)	h	h	h	h	h	h	h
Gold Plated for Diaphragms (applies to Replacement Center Sections also)	Table I (XXX)	•	•	•	•	•	•	•
Viton O-rings for 1/2" NPT Adapter Flange	Table III (X2) or (X1)	•	•	•	•		•	
4500 psi Body and Overload Rating with CS bolts (includes Over Pressure Leak Test)	Table I (X) XX, Table III (TG); no CR or TP	e	g	g	g			
4500 psi Body and Overload Rating with SS NACE bolts (includes Over Pressure Leak Test)	Table I (X) XX, Table III (TG); CR; no TP				•			
Static Pressure Spec for STD120 <i>Analog Mode:</i> 0.1% span (0.06 in H ₂ O min) per 1000 psi <i>Digital Mode:</i> 0.1% reading (0.06 inH ₂ O) per 1000 psi	--		•					
Analog Meter with Special Scale <i>(Consult factory for available scales)</i>	Table III (ME), also valid for RMA300-(ME)	a	•	•	•	•	a	•
Attachment of Honeywell Supplied AGCO 3-Valve Manifold (Selected Manifold and Accessory pricing found in Table I)	Table I XX (H)	•	•	•	•			

Special Options Table continued on next page

Selection

**SPECIAL OPTIONS (continued)**

Attachment of Honeywell Supplied AGCO 2-Valve Manifold (Selected Manifold and Accessory pricing found in Table II)	Table I XX (G)	•	•			•	•		
Beige Epoxy Painted Housing (2 coats)	--	m	•	•	•	•	•	•	•
Red Epoxy Painted Housing (2 coats)	--	m	•	f	f	f	f	f	f
Mounting of Honeywell Integral Orifice Assembly and Orifice Plate (Specify bolt material and orifice plate bore size)	Table I XX (H)	•	•	•	•				
Lexan (non-metallic) window on meter cap	Table III (ME), (SM)	m	•	•	•	•	•	•	•
316 Stainless Steel Housing with FM or CSA Approval (F1D3 or C1C3 Approval requires M20 to 1/2" adapter loctited into housing conduit connection. Specify one or two adapters)	Table III (SH), F1D3 or C1C3	m	•	•	•	•	•	•	•
STRXXD Single Remote Seal with 1/2" NPT Stainless Steel Adapter on one side (Specify Hi or Lo side)	Table III (S1)								•
Tantalum Process Diaphragm - STD170, STAXXX, STG1XX Single Head (Specify Head Material)	Table I (D)XX -CS (H)XX - SS (K)XX - Hast C (M)XX - Monel			j		j	•		
Teflon O-ring for use with Flush Flanged with Lower, Saddle or Threaded Remote Seals	Table IIH (T)								k
Vent/Drain for STAXXX and STGXXX Single Head Design	Table I (XXG) no SV					q	•		
Vent/Drain and Pipe Plug Configuration for STDXXX, STM125, STG9X4	--	n	•	•	•	p			
6000 psi Body and Overload Rating (includes Over Pressure Leak Test)	See Table X		•	•					

RESTRICTIONS

Restriction Letter	Restriction
a c d g f j k h n p m q e	
■	Analog meter not available with STD125 or STF14F
■	Consult F.I. Marketing Applications at Phoenix STC
■	Not Available with Table III 1C, 2J, 3A, 3S, 3N
■	Not Available with ZS on STX9XX
■	Not Available with STD624, STGXXL, STG9XX. Standard on STD130
■	Specify CTFE Fill Fluid
■	Not Available with STD110
■	Not Available with Table III CR or TP (TP is included with Overload Rating)
■	Available only with Table IID BXX, CXX, DXX, JXX, KXX, LXX
■	Not Available with STG6XX, STGXXL
■	Not Available with STM125
■	Not Available with STG1XX
■	Not Available with STG9XX
■	Not Available with STD125

TABLE I - 3-Valve Manifolds (Choose one selection from Table A and Table B or C)**TABLE IA**

Mounting to Transmitter Price	Model Number Additions
With CS Bolts	---
With SS (NACE) Bolts	Table III CR

TABLE IB

Manifold	Manifold Material	Part Number	
Flanged	M4AVIC	CS	30667597-001
	M4AVIS	SS	30667597-002
	M4AVIS-SG	SS	30667597-007
Threaded	M4TVIC-4	CS	30667792-001
	M4TVIS-4	SS	30667792-002

TABLE IC

Manifold with AGCO Mounting Bracket	Mounting Bkt Material	
Flanged	M4AVIC-AM	CS
	M4AVIC-AMS	SS
	M4AVIS-AM	CS
	M4AVIS-AMS	SS
	M4AVIS-SG-AM	CS
	M4AVIS-SG-AMS	SS
Threaded	M4TVIC-4-AM	CS
	M4TVIC-4-AMS	SS
	M4TVIS-4-AM	CS
	M4TVIS-4-AMS	SS

TABLE II - 2-Valve Manifolds (Choose one selection from Table A and Table B or C)**TABLE IIA**

Mounting to Transmitter Price	Model Number Additions
With CS Bolts on M4TP	---
With SS (NACE) Bolts on M4TP	Table III CR
With SS Nipple on MP1 or PTM	---

TABLE IIB

Manifold	Manifold Material	Part Number
Threaded	M4TPVIC-4	CS
	M4TPVIS-4	SS
	PTMVIC-4	CS
	PTMVIS-4	SS
	MP1VIC-4	CS
	MP1VIS	SS

TABLE IIC

Manifold with AGCO Mounting Bracket	Mounting Bkt Material	
Threaded	M4TPVIC-4-AM	CS
	M4TPVIC-4-AMS	SS
	M4TPVIS-4-AM	CS
	M4TPVIS-4-AMS	SS
	PTMVIC-4-AM	CS
	PTMVIS-4-AM	CS

TABLE III - Red or Beige Epoxy Painted Housing (2 Coats)****Red (Not Available with Table III ZS)****KEY NUMBER**

STD924-A, B, E, F, J
 STD930-A, B, E, F, J
 STG9XX
 Other STX9, STX1

TABLE IV - Gold Plated Diaphragms

STD1XX/6XX/9XX
 STM125
 STFXFX
 STG9XL/1XL
 STG1X0/6XX/9X4
 STA1XX/9XX
 STFXXX, STRXXX

TABLE V - Mounting of Honeywell Integral Orifice Assembly to STDXXX Transmitter***Include Pricing of Integral Orifice Assembly and Orifice Plate from 13:ST-29**

With CS Bolts
 With SS Bolts

TABLE VI - Tantalum Process Diaphragms

Head Material	Key Number
CS	STD170-(D)XX
	STG140-(D)XX
	STG170-(D)XX
	STG644-(D)XX
	STG674-(D)XX
	STA140-(D)XX
	STA940-(D)XX
SS	STD170-(H)XX
	STG140-(H)XX
	STG170-(H)XX
	STG644-(H)XX
	STG674-(H)XX
	STA140-(H)XX
	STA940-(H)XX
Hastelloy C	STD170-(K)XX
	STG140-(K)XX
	STG170-(K)XX
	STG644-(K)XX
	STG674-(K)XX
	STA140-(K)XX
	STA940-(K)XX
Monel	STG140-(M)XX
	STG170-(M)XX
	STG644-(M)XX
	STG674-(M)XX
	STA140-(M)XX
	STA940-(M)XX

TABLE VII - Remote Seals with Teflon O-Ring**For use with the following: Flush Flanged with Lower, Threaded or Saddle seals***All Seals Above**

All

TABLE VIII - STG140/STG170/STG180/STG644/STG674/STAXXX - With 1/8" NPT Vent/Drain*Choose model with 1/2" NPT and specify head material, vent/drain material and position*

Head	Vent/Drain	Position
SS	SS	Down
SS	SS	Up
CS	CS	Down
CS	SS	Down
Hastelloy C	Hastelloy C	Down
Monel	Monel	Down

TABLE IX - Vent/Drain and Pipe Plug Configuration Changes**STDXX/STM125****End Vent/Drain (Not Available with Table III SV)**

Replace	Material	With	Material
Vent/Drain	SS	End Plug	SS
Vent/Drain	Hastelloy C	Eng Plug	Hastelloy C
Vent/Drain	Monel	End Plug	Monel
Vent/Drain	SS	Vent/Drain	Hastelloy C
Vent/Drain	SS	Vent/Drain	Monel
Vent/Drain	Hastelloy C	Vent/Drain	Monel

Side Vent/Drain and Plugs Table III SV

Vent/Drain/Plug	SS	Vent/Drain/Plug	Hastelloy C
Vent/Drain/Plug	SS	Vent/Drain/Plug	Monel
Vent/Drain/Plug	Hastelloy C	Vent/Drain/Plug	Monel

STG9X4**End Vent/Drain (Not Available with Table III SV)**

Vent/Drain	SS	Vent/Drain	Hastelloy C
			Monel

Side Vent/Drain and Plugs Table III (SV)

Vent/Drain	SS	Pipe Plug	SS
Top Vent/Drain		Side Vent/Drain	SS
Vent/Drain		Pipe Plug	Hastelloy C
			Monel

TABLE X (Choose one selection from each table A and B)**TABLE XA - 6000 psi Body and Overload Rating****STD120/130/170/624*****Table III SV, DN & B2 Option, Tantalum Diaphragms and Manifolds are NOT Available with 6000 psi Rating*****1/2" NPT included in head. Table III S2, T2, V2 is NOT required.*

Process Connection	Head Material	Bolts	Model Number Addition
1/4" NPT	CS	CS	Table I (A, B, C)XA, Table III (TG)
	SS	CS	Table I (E, F, G)XA, Table III (TG)
	SS	SS	Table I (E, F, G)XA, Table III (TG), (CR)
1/2" NPT***	SS	CS	Table I (E, F, G)X(G), Table III (TG)
	SS	SS	Table I (E, F, G)X(G), Table III (TG), (CR)

TABLE XB - Mounting Brackets for use with 6000 psi Body Rating

Bracket Material	Model Number
CS	Table III (MB)
SS	Table III (SB)

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