

IV. Honeywell S-Series

● **Conversion table between Honeywell and Yamatake S900 & GTX**

Type	Honeywell	Measuring range	Yamatake	GTX	Measuring range
Standard differential pressure	STD110	0 to 10 inH ₂ O	STD910	GTX30D	-400 ~ 400 inH ₂ O
	STD120	0 to 400 inH ₂ O	STD920	GTX31D	-400 ~ 400 inH ₂ O
	STD125	0 to 600 inH ₂ O	STD930	GTX41D	-394 ~ 2,756 inH ₂ O
	STD130	0 to 100 psi	STD930	GTX41D	-14 ~ 100 psi
	STD170	0 to 3,000 psi	---	---	
	STD924	0 to 400 inH ₂ O	STD920	GTX31D	-400 ~ 400 inH ₂ O
	STD930	0 to 100 psi	STD930	GTX41D	-14 ~ 100 psi
	STD974	0 to 3,000 psi	---	---	
Standard gauge pressure	STG140	0 to 500 psi	STG940	GTX60G	-14 ~ 498 psi
	STG14L	0 to 500 psi	PTG		
	STG14T	0 to 500 psi	TOKUMI		
	STG170	0 to 3,000 psi	STG980	GTX82G	-14 ~ 5,974 psi
	STG17L	0 to 3,000 psi	PTG		
	STG180	0 to 6,000 psi	STG980	GTX82G	-14 ~ 5,974 psi
	STG18L	0 to 6,000 psi	STG980	GTX82G	-14 ~ 5,974 psi
	STG93P	0 to 100 psig	PTG + TOKUMI		
	STG944	0 to 500 psi	STG940	GTX60G	-14 ~ 498 psi
	STG94L	0 to 500 psi	PTG		
	STG974	0 to 3,000 psi	STG980	GTX82G	-14 ~ 5,974 psi
	STG97L	0 to 3,000 psi	PTG		
	STG98L	0 to 6,000 psi	PTG		
Absolute pressure	STA122	0 to 780mmHg abs.	STA923	GTX30A	0 ~ 780mmHg abs.
	STA140	0 to 500 psi abs.	STA940	GTX60A	0 ~ 498 psi abs.
	STA922	0 to 780mmHg abs.	STA923	GTX30A	0 ~ 780mmHg abs.
	STA940	0 to 500 psi abs.	STA940	GTX60A	0 ~ 498 psi abs.
Flange type differential pressure	STF128	0 to 400 inH ₂ O	STC929	GTX35F	-400 ~ 400 inH ₂ O
	STF132	0 to 100 psi	STC940	GTX60F	-14 ~ 498 psi
	STF12F	0 to 400 inH ₂ O	STC929	GTX35F	-400 ~ 400 inH ₂ O
	STF13F	0 to 100 psi	STC940	GTX60F	-14 ~ 498 psi
	STF14F	0 to 600 inH ₂ O	STC940	GTX60F	-394 ~ 13780 inH ₂ O
	STF14T	0 to 500 psi	TOKUMI	GTX60F	-14 ~ 498 psi
	STF924	0 to 400 inH ₂ O	STC929	GTX35F	-400 ~ 400 inH ₂ O
	STF932	0 to 100 psi	STC940	GTX60F	-14 ~ 498 psi
	STF92F	0 to 400 inH ₂ O	STC929	GTX35F	-400 ~ 400 inH ₂ O
	STF93F	0 to 100 psi	STC940	GTX60F	-14 ~ 498 psi

● **Conversion table between Honeywell and Yamatake S900 & GTX**

Type	Honeywell	Measuring range	Yamatake	GTX	Measuring range
Remote-sealed type	STR12D	0~10 to 0~400 inH ₂ O	STE929	GTX35R	-400 ~ 400 inH ₂ O
	STR13D	0~5 to 0~100 psi	STE930	GTX40R	-14 ~ 100 psi
	STR14G	0~5 to 0~500 psi	STH940	GTX60U	-14 ~ 498 psi
	STR17G	0~100 to 0~3,000 psi	STH980	GTX82U	-14 ~ 5,974 psi
	STR14A	0~5 to 0~500 psi abs.	STS940	GTX60S	5 ~ 508 psi abs.
	STR93D	0 to 100 psi	STE930	GTX40R	-14 ~ 100 psi
	STR94G	0 to 500 psi	STH940	GTX60U	-14 ~ 498 psi

● **Model number meaning**

Item	Code	Description		
		Process head	Vent/Drain	Diaphragm
Material	A	Carbon steel	316 SST	316L SST
	B	Carbon steel	316 SST	Hastelloy C
	C	Carbon steel	316 SST	Monel
	D	Carbon steel	316 SST	Tantalum
	E	316 SST	316 SST	316L SST
	F	316 SST	316 SST	Hastelloy C
	G	316 SST	316 SST	Monel
	H	316 SST	316 SST	Tantalum
	J	Hastelloy C	Hastelloy C	Hastelloy C
	K	Hastelloy C	Hastelloy C	Tantalum
	L	Monel	Monel	Monel
Fill fluid	1	Silicone		
	2	CTFE (chlorotrifluoroethylene) ; Equivalent of Fluorine oil		
Process head configuration	A	1/4" NPT (for STG & STA : 9/16" - 18 Aminco)		
	H	1/2" NPT with adapter (on 1/4" NPT head)		
	G	1/2" NPT (female)		

● **Options number meaning**

Code	Description
E9	Mounting bracket : Carbon steel
SB	Mounting bracket : Stainless steel
FB	Flat mounting bracket : Carbon steel
VT	Viton process head gasket (Teflon is standard)
ME	Analog meter
SM	Smart meter
DN	Modified DIN process head : 316SS
SH	316SST electronics housing with M20 conduit connections
A1	1/2" NPT to M20 316SST conduit adapter
A2	1/2" NPT to 3/4" NPT 316SST conduit adapter
LP	Lightning protection
CC	Custom Calibration and I.D. in Memory
TC	Transmitter configuration – Non-Fieldbus
FC	Transmitter configuration – Fieldbus
WP	Write Protection
CR	A286SS (NACE) Bolts and 302/304SS (NACE) nuts
TG	Stainless steel customer wired on Tag (4 lines, 28 characters per line, customer supplied information)
TB	Stainless steel customer wired on Tag (blank)
OX	Clean transmitter for Oxygen or Chlorine service with certificate
TP	Over-pressure leak test with F3392 certificate
W1	Additional Warranty – 1year
W2	Additional Warranty – 2years
W3	Additional Warranty – 3years
W4	Additional Warranty – 4years
F1	Calibration test report and Certificate of conformance
F3	Certificate of conformance
F5	Certificate of origin
F7	NACE certificate
FF	Foundation Fieldbus communication
HC	HART protocol compatible electronics
ZS	Local Zero & Span
LZ	Local Zero