

**440/430 Series to BIT Series Crossover Sheet**

400 Series	Info	BIT	Info
<b>Base Model</b>			
443 & 433	0.5-5.5 VDC analog output	452E with ZV2 option	0.5-5.5 VDC analog output
445 & 435	4-20 mA analog output	455E	4 - 20 mA analog output
446 & 436	1-11 VDC analog output		BIT only up to 10 VDC
		452E	1-10 VDC
		H455E	4-20 mA with HART Protocol
		454E	0.5-4.5V Ratiometric
<b>Electrical Connection (Mating connector not included)</b>			
H3	Shielded & Jacketed #22 AWB cable (1 meter)	H3	Watertight Gland with 18 AWG Free Leads
H5	Shielded & Jacketed with 1/2" male conduit	Blank	1/2" - 14 NPT Male Conduit
T4	M12 Hirschman connector (ELST 412 PG9)	T4	M12 (4 pin) circular connector
T5	Standard DIN connector (43650) - mating connector included	T5	Standard DIN (Mating connector not included)
H6	SJO Cable Type (1 meter)	T2	6 pin connector, SS Hermetic, PTIH-10-6P
T8	DIN 43650 1/2" connector	T3	6 pin connector, Alum. Flange Mount, PT02E-10-6P
		T6	M20 x 1.5 Male conduit
		T7	M8 (4 Pin) connector
		T8	4 pin connector, SS Hermetic, PTIH-14S-2P
		H4	Mini DIN (EN 175301-803, Type C)
<b>Pressure Range</b>			
-23	0 - 29.9" of Hg (Vacuum)	-23	0 - 29.9" of Hg (Vacuum)
-25	0 - 5 psi (0 - 0.35 bar)	-01	0 - 15 psi (0 - 1 bar)
-01	0 - 15 psi (0 - 1 bar)	-21	0 - 30 psi (0 - 2 bar)
-21	0 - 30 psi (0 - 2 bar)	-03	0 - 50 psi (0 - 3.5 bar)
-03	0 - 50 psi (0 - 3.5 bar)	-22	0 - 60 psi (0 - 4 bar)
-22	0 - 60 psi (0 - 4 bar)	-04	0 - 100 psi (0 - 6.9 bar)
-04	0 - 100 psi (0 - 6.9 bar)	-05	0 - 150 psi (0 - 10.3 bar)
-05	0 - 150 psi (0 - 10.3 bar)	-06	0 - 200 psi (0 - 13.8 bar)
-06	0 - 200 psi (0 - 13.8 bar)	-07	0 - 300 psi (0 - 20.7 bar)
-07	0 - 300 psi (0 - 20.7 bar)	-08	0 - 500 psi (0 - 34.5 bar)
-08	0 - 500 psi (0 - 34.5 bar)	-10	0 - 1,000 psi (0 - 69 bar)
-19	0 - 600 psi (0 - 41 bar)	-11	0 - 1,500 psi (0 - 104 bar)
-10	0 - 1,000 psi (0 - 69 bar)	-12	0 - 2,000 psi (0 - 138 bar)
-11	0 - 1,500 psi (0 - 104 bar)	-13	0 - 3,000 psi (0 - 207 bar)
-12	0 - 2,000 psi (0 - 138 bar)	-14	0 - 4,000 psi (0 - 276 bar)
-13	0 - 3,000 psi (0 - 207 bar)	-15	0 - 5,000 psi (0 - 345 bar)
-14	0 - 4,000 psi (0 - 276 bar)	-16	0 - 6,000 psi (0 - 414 bar)
-15	0 - 5,000 psi (0 - 345 bar)	-17	0 - 7,500 psi (0 - 517 bar)
-16	0 - 6,000 psi (0 - 414 bar)	-18	0 - 10,000 psi (0 - 689 bar)
-17	0 - 7,500 psi (0 - 517 bar)	-29	0-15,000 psi (0-1,000 Bar)
-18	0 - 10,000 psi (0 - 689 bar)	-30	3 0-20,000 psi (0-1,400 Bar)
		-31	0-22,000 psi (0-1,500 Bar)
		-32	0-25,000 psi (0-1,700 Bar)
		-33	0-30,000 psi (0-2,000 Bar)
<b>Process Connection</b>			
Blank	1/4-18 NPT male (standard)	Blank	1/4-18 NPT male (standard)
P1	7/16-20 UNF-2B female	P1	7/16-20 UNF-2B female
P3	7/16-20 UNF-2A male (JIC 37)	P3	7/16-20 UNF-2A male (JIC 37)
P4	1/2" NPT male	P4	1/2" NPT male
P5	1/2" NPT female	P5	1/2" NPT female
P6	1/4" NPT female	P6	1/4" NPT female
		-P10	G 1/4, washer seal, male
		-P11	G 1/2, washer seal, male
		-P12	G 1/4, washer seal, female
		-P13	G 1/2, washer seal, female
		-P14	7/16-20, SAE #4, ORB, female
		-P15	HF4 Autoclave, 1/4" tube, female (9/16-18 UNF-2B THD)
<b>Options</b>			
-E	External Adjustment - Zero/Span		
-Z10, -Z11, -Z12, -Z16	Different Voltage Outputs	-ZVxx	Custom voltage output (Available on 452X only). Up to 10VDC. Consult Factory.
-Z15	Calibrated in BAR	-B, -BA	Bar gauge or Bar absolute
-Z17	For High pressure models with larger orifice	-Z17	For High pressure models with larger orifice
-ZXXY	Special Pressure Range	-ZXXY	Special Pressure Range
-WXXX	Additional length of free leads (H3 & H6 connection)	-WXXX	Additional length of free leads available on conduit and gland electrical connection