

Series	600 Series	Intellipack 800 Series	TT230 - TT330 & TT351 Series	SP230 & SP330 Series	DT230 & DT330 Series
Configuration	Manually Set-up: Simulate input, measure output	Software to program or Factory Set-up	Ready to use w/ Default Settings Software to program or Factory Set-up	Ready to use w/ Default Settings Software to program or Factory Set-up	Ready to use w/ Default Settings Software to program or Factory Set-up
Transmitter Inputs	Current Isolators & Splitters, Voltage, T/C, RTD, AC Current	Current, Voltage, T/C, RTD, Frequency, AC Current	Current, Voltage, T/C, RTD, Potentiometer / Thermistor, Frequency, AC Current Strain Gauge/Load Cell	Current, Voltage, T/C (RTD via uBSP-P-1-Signal-Splitter-Carrier)	Current, Voltage, T/C RTD
Special Features	- Digital Zero/Span for easy setup 1, 2 and 4 Channels - External adjustments for Cal. - Sinking Current Outputs 611T/612T V/I both In & Out - Splitters: Output Loop powered, 24VDC & 115VAC powered - Thermocouple Splitter unit 1500VAC Isolation - Oper. Temp -25°C to +75°C - CE, UL, cUL, Class 1 Div 2	- Windows programming via RJ11 port on unit - External adjustments for Cal. - Sourcing Current Outputs - Analog Output w/ Relay Output 25 Break Point Linearizer 6 types of Alarms - Math: Analog or Frequency Out 1500VAC Isolation - Oper. Temp -25°C to +70°C - CE, UL, cUL	- Windows programming via USB Mini-B port - No external adjustments - Sinking & Sourcing Current Out - Bipolar outputs: $\pm 10V$, $\pm 20mA$ - High Speed / High Filter units - Redundant power 25G Shock, 4G Vibration 1500VAC Isolation - Oper. Temp -40°C to +80°C - CE, UL, cUL, Class 1 Div 2	- Windows programming via USB Mini-B port on unit - No external adjustments - Sinking & Sourcing Current Out - Bipolar output: $\pm 10V$ - High Speed / High Filter units - Redundant power 25G Shock, 4G Vibration (except uBSP-P-1) 1500VAC Isolation - Oper. Temp -40°C to +80°C - CE, UL, cUL, Class 1 Div 2	- Windows programming via USB Mini-B port on unit - No external adjustments - Sinking & Sourcing Current Out - Bipolar output: $\pm 10V$ - High Speed / High Filter units - Redundant power 25G Shock, 4G Vibration 1500VAC Isolation - Oper. Temp -40°C to +80°C - CE, UL, cUL, Class 1 Div 2

Signal Conditioning Selection Guide

Input	Acromag Transmitters			Alarms
	Output Loop Powered	DC Powered (1 or 2 Channel)	AC Powered	
4-20mA Isolator	TT236 DT236 651T/652T	uBTX-H1 + uB32-B uBTX-H1 + uB42-B TT336 / DT336 631T/632T -0500 340i 330i	631T/632T -0100 430i	uBTA-P/H-xxR + uB32-B uBTA-P/H-xxR + uB42-B
Splitter	SP233 / DT233 (Thermocouple) SP236 / DT236 (±20mA, ±500mV) DT235 (RTD) SP237 / DT237 (±10VDC) SP238 / DT238 (±150VDC) 653T (4-20mA)	uBSP-1-1 (plus fixed range uB) SP333 / DT333 (Thermocouple) DT335 (RTD) SP336 / DT336 (±20mA, ±500mV) SP337 / DT337 (±10VDC) SP338 / DT338 (±150VDC) 633T-0500 (4-20mA)	633T-0100 (4-20mA)	
Current - wide ranging	TT236 / DT236 250T-C1	uB32-B- uB32-xx uB42-B, uB42-xx TT336 / DT336 811T-0500 611T/612T 350T-C1	450T-C1	uBTA-P/H-xxR + uB32-B uBTA-P/H-xxR + uB42-B 811A/812A 811T-1500 260A 361A 461A
DC Voltage	TT237 / DT 237 (±10V) TT238 / DT238 (±150V) 654T (±10V) 250T-Vx	uB31-B, uB31-xx (±60V) uB41-B, uB41-xx (±60V) uB39-B, uB39-xx (±5V) uB49-B, uB49-xx (±5V) TT337 / DT337 (±10V) TT338 / DT338 (±150V) 811T-0500 (±100V) 611T/612T (±100V) 350T-Vx TT338 / DT338 (±150V) 811T-0500 (±100V) 611T/612T (±100V) 350T-Vx	450T-Vx	uBTA-P/H-xxR + uB31-B uBTA-P/H-xxR + uB41-B uBTA-P/H-xxR + uB39-B uBTA-P/H-xxR + uB49-B 811T-1500 811A/812A 822A 361A 461A

Signal Conditioning Selection Guide

Input	Acromag transmitters			Alarms
	Output Loop Powered	DC Powered (1 or 2 Channel)	AC Powered	
Voltage - mVDC	TT233 / DT 233 TT236 / DT236 655T/656T 250T-mVx	uB30-B, uB30-xx (±100mV) uB40-B, uB40-xx (±100mV) TT333 / DT333 (±100mV) TT336 / DT336 (±500mV) 801T-0500 611T/612T 350T-mVx	450T-mVx	uBTA-P/H-xxR + uB30-B uBTA-P/H-xxR + uB40-B 822A-0200 801T-1500 801A 822A 361A 461A
Thermocouple	TT233 / DT233 (Isolated) ST132 ST133 (Isolated) 655T/656T 250T-TC1 250T-xL00	uB37-B, uB37-xx (non-linear) uB47-B, uB47-xx (linear) TT333 / DT333 (Isolated) 801T-0500 350T-TC1 350T-xL00	450T-TC1 450T-xL00	uBTA-P/H-xxR + uB37-B uBTA-P/H-xxR + uB47-B 801T-1500 801A 822A
RTD	TT231 TT235 / DT235 (Isolated) ST131 657T/658T 250T-RBPx 250T-RBCx	uB34-B, uB34-xx (2/3 wire) uB35-B, uB35-xx (4 wire) TT335 / DT335 (Isolated) 801T-0500 350T-RBPx 350T-RBCx	450T-RBPx 450T-RBCx	uBTA-P/H-xxR + uB34-B uBTA-P/H-xxR + uB35-B 801T-1500 801A 832A
Resistance	TT231 TT235 / DT235 (Isolated) 657T/658T	TT335 DT335 801T-0500		801T-1500 801A 832A
Frequency	TT239 250T-FQ1	uB45-B, uB45-xx TT339 841T-0500 350T-FQ1	450T-FQ1	841T-1500

Signal Conditioning Selection Guide

Input	Acromag transmitters			Alarms
	Output Loop Powered	DC Powered (1 or 2 Channel)	AC Powered	
Potentiometer	TT234 250T-P	TT334 350T-P	450T-P	
Thermistor	TT234	TT334		
PWM Pulse-Width-Modulated	TT239	TT339		
Load Cell / Strain Gauge		TT351-0700		
AC Current with 5020-350	TT236 / DT236 250T-CACX	uB32-B- uB32-xx uB42-B, uB42-xx TT336 / DT336 811T-0500 611T 350T-CACX	450T-CACX 450T-VAC	uBTA-P/H-xxR + uB32-B uBTA-P/H-xxR + uB42-B 811A/812A
AC Voltage	250T-VAC	350T-VAC		