

## Signal Conditioning Selection Guide for EU Countries

INPUT	ACROMAG TRANSMITTERS			ALARMS
	Output Loop Powered	DC Powered	90-250VAC Powered	
4-20mA Isolator	TT236 651T/652T	uBTX-H1 + uB32-B uBTX-H1 + uB42-B TT336 631T/632T -0500	631T/632T -0100	uBTA-P/H-xxR + uB32-B uBTA-P/H-xxR + uB42-B
Splitter	SP233 (Thermocouple) SP236 (±20mA, ±500mVDC) SP237 (±10VDC) SP238 (±150VDC) 653T (4-20mA)	uBSP-1-1 (plus fixed range uB) SP333 (Thermocouple) SP336 (±20mA, ±500mV) SP337 (±10VDC) SP338 (±150VDC) 633T-0500 (4-20mA)	633T-0100 (4-20mA)	
Current - wide ranging	TT236	uB32-B- uB32-xx uB42-B, uB42-xx TT336 611T/612T		uBTA-P/H-xxR + uB32-B uBTA-P/H-xxR + uB42-B
DC Voltage	TT237 (±10V) TT238 (±150V) 654T (±10V)	uB31-B, uB31-xx (±60V) uB41-B, uB41-xx (±60V) uB39-B, uB39-xx (±5V) uB49-B, uB49-xx (±5V) TT337 (±10V) TT338 (±150V) 611T/612T (±100V)		uBTA-P/H-xxR + uB31-B uBTA-P/H-xxR + uB41-B uBTA-P/H-xxR + uB39-B uBTA-P/H-xxR + uB49-B
Voltage - mVDC	TT233 TT236 655T/656T	uB30-B, uB30-xx (±100mV) uB40-B, uB40-xx (±100mV) TT333 TT336 611T/612T		uBTA-P/H-xxR + uB30-B uBTA-P/H-xxR + uB40-B
Thermocouple	TT233 (Isolated) ST132 ST133 (Isolated) 655T/656T	uB37-B, uB37-xx (non-linear) uB47-B, uB47-xx (linear) TT333 (Isolated)		uBTA-P/H-xxR + uB37-B uBTA-P/H-xxR + uB47-B
RTD	TT231 TT231 TT235 (Isolated) ST131 657T/658T	uB34-B, uB34-xx (2/3 wire) uB35-B, uB35-xx (4 wire) TT335 (Isolated)		uBTA-P/H-xxR + uB34-B uBTA-P/H-xxR + uB35-B
Resistance	TT231 TT235 657T/658T	TT335		
Frequency	TT239 TT239	uB45-B, uB45-xx TT339		
Potentiometer	TT234	TT334		
Thermistor	TT234	TT334		
PWM Pulse-Width-Modulated	TT239	TT339		
AC Current with 5020-350	TT236	uB32-B- uB32-xx uB42-B, uB42-xx TT336 611T		uBTA-P/H-xxR + uB32-B uBTA-P/H-xxR + uB42-B
Potentiometer	TT234 250T-P	TT334 350T-P	450T-P	
Thermistor	TT234	TT334		
PWM Pulse-Width-Modulated	TT239	TT339		
Load Cell / Strain Gauge		851T-0500		851T-1500
AC Current with 5020-350	TT236 250T-CACX	uB32-B- uB32-xx uB42-B, uB42-xx TT336 811T-0500 611T 350T-CACX	450T-CACX	uBTA-P/H-xxR + uB32-B uBTA-P/H-xxR + uB42-B 811A/812A
AC Voltage	250T-VAC	350T-VAC	450T-VAC	