
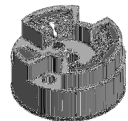
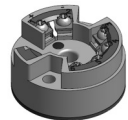


















## 4 - 20 mA Analog Transmitter Selection Guide

These are some of our most popular transmitters. Please feel free to contact us about applications that may not be listed.


<u>Mfg</u>	<u>Series</u>	<u>Power</u>	<u>Isolated</u>	<u>Form Factor</u>	<u>Image</u>	<u>Program-able</u>	<u>Req'd to Program</u>	<u>Options</u>	<u>Approx Base Price</u>	<u>Notes</u>
<b><u>TC, RTD --- 4 - 20 mA out</u></b>										
Pyro	440	Loop	N/A	Head Mounted		USB	10303 Program Pkg + Cable		\$110	RTD Only
Pyro	441	Loop	Yes	Head Mounted		USB	10303 Program Pkg + Cable		\$160	
Pyro	442	Loop	Yes	Head Mounted		USB	10303 Program Pkg + Cable		\$315	Hart
Pyro	642	Loop	Yes	Head Mounted Enclosure		USB	10303 Program Pkg + Cable	Ex Proof & and FM Available	\$540 +\$335 for display	Hart
Novus	TxBLOCK	Output Loop		Head Mounted		USB	TxConfig Prog Tool		\$94	
Novus	TxMini Block	Output Loop	N/A	Head Mounted		USB	TxConfig Prog Tool		\$87	RTD Only






Novus	TxRail	Loop or 24 VDC	No	DIN Rail		USB	TxConfig Prog Tool	\$103	No Grounded TC
Novus	TxIsoPack	Output Loop	1000 VAC 1 min	Head Mounted		USB	USB Cable	\$158	
Novus	TxIsoRail	Output Loop	1000 VAC 1 min	DIN Rail		USB	USB Configurator	\$158	
Novus	TxIsoPack-Hart	Output Loop	1000 VAC 1 min	Head Mounted		USB Hart Configurator	Hart Config	\$310	Hart
Novus	TxIsoRail-Hart	Output Loop	1000 VAC 1 min	DIN Rail		USB Hart Configurator	Hart Config	\$310	Hart
Laurel	<a href="#">LT</a> <a href="#">LTE</a>	120 VAC or 24 VDC	250 VAC	DIN Rail		Yes	USB RS-232 Ethernet	Includes Two SS Alarm Relays & Modbus \$235	Ethernet Available
PR Elec	PRA	Output Loop		Head Mounted		Pre-configured	A.I.S Program	Custom Curve Development \$299	Thermistor Only

**Resistance, Pots, Position, Level --- 4 - 20 mA out**

PR Elec	PRA	Output Loop		Head Mounted		Pre-configured	A.I.S Program	Custom Curve Development	\$299	Non-linear Level
Laurel	<a href="#">LT</a> <a href="#">LTE</a>	120 VAC or 24 VDC	250 VAC	DIN Rail		Yes	USB RS-232 Ethernet	Includes Two SS Alarm Relays & Modbus	\$235	Ethernet Available
ACI	ARM	24 V AC/DC	No	Board Level		Screwdriver		Enclosure Available	\$95	
ACI	AIM-2	24 VAC 120 VAC	Yes	Board Level		Screwdriver		Enclosure Available	\$221	

**DC Volts/Amps, mV/mA In --- 4 - 20 mA out (Current Shunt Required)**


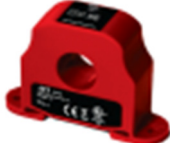
Novus	TxRail	Output Loop	no	DIN Rail		USB	USB Configurator		\$103	
Novus	TxIsoPack	Output Loop	1000 VAC 1 min	Head Mounted		USB	USB Cable		\$158	0-50 mV
Novus	TxIsoRail	Output Loop	1000 VAC 1 min	DIN Rail		USB	USB Configurator		\$158	

Novus	TxIsoPack-Hart	Output Loop	1000 VAC 1 min	Head Mounted		USB Hart Configurator	Hart Config		\$310	Hart
Novus	TxIsoRail-Hart	Output Loop	1000 VAC 1 min	DIN Rail		USB Hart Configurator	Hart Config		\$310	Hart
Laurel	<a href="#">LT</a> <a href="#">LTE</a>	120 VAC or 24 VDC	250 VAC	DIN Rail		Yes	USB RS-232 Ethernet	Includes Two SS Alarm Relays & Modbus	\$235	Modbus Ethernet Included
ACI	ARM	24 V AC/DC	No	Board Level		Screwdriver		Enclosure Available	\$95	
ACI	AIM-2	24 VAC 120 VAC	Yes	Board Level		Screwdriver		Enclosure Available	\$221	

**AC Volts, mV In --- 4 - 20 mA out**

Laurel	<a href="#">LT</a> <a href="#">LTE</a>	120 VAC or 24 VDC	250 VAC	DIN Rail		Yes	USB RS-232 Ethernet	Includes Two SS Alarm Relays & Modbus	\$235	Modbus Ethernet Included -- True RMS
--------	---	----------------------	---------	----------	--	-----	---------------------------	--	-------	--

**AC Current In --- 4 - 20 mA out (True RMS)**

Laurel	<a href="#">LT</a> <a href="#">LTE</a>	120 VAC or 24 VDC	250 VAC	DIN Rail		Yes	USB RS-232 Ethernet	Includes Two SS Alarm Relays & Modbus	\$235	Modbus Ethernet Included
ACI	CTA	CT Powered	2200 VAC	Current Transformer		Jumpers		Available in Solid and Split Core	\$120	5A - 250 A FS Current Transformer

**Flow (Analog, Square Root Extraction, etc.) --- 4 - 20 mA out**

Laurel	<a href="#">LT</a> <a href="#">LTE</a>	120 VAC or 24 VDC	250 VAC	DIN Rail		Yes	USB RS-232 Ethernet	Includes Two SS Alarm Relays & Modbus	\$235	Modbus Ethernet Included
--------	---	-------------------------	---------	----------	--	-----	---------------------------	--	-------	--------------------------------



**Pulse Counting (Flow, Rate) --- 4 - 20 mA out**

Laurel	<a href="#">LT</a> <a href="#">LTE</a>	120 VAC or 24 VDC	250 VAC	DIN Rail		Yes	USB RS-232 Ethernet	Includes Two SS Alarm Relays & Modbus	\$235	Modbus Ethernet Included
--------	---	-------------------------	---------	----------	---	-----	---------------------------	--	-------	--------------------------------

**Up/Down Totals (pulses) --- 4 - 20 mA out**

Laurel	<a href="#">LT</a> <a href="#">LTE</a>	120 VAC or 24 VDC	250 VAC	DIN Rail		Yes	USB RS-232 Ethernet	Includes Two SS Alarm Relays & Modbus	\$235	Modbus Ethernet Included
--------	---	-------------------------	---------	----------	--	-----	---------------------------	--	-------	--------------------------------

**Non-Linear (Thermistors, Tilted or Horizontal Tanks) --- 4 - 20 mA out**

PR Elec	PRA	Output Loop		Head Mounted		Pre-configured	A.I.S Program HW/SW Available	Custom Curve Development	\$299	Custom Curve Thermistor
Laurel	<a href="#">LT</a> <a href="#">LTE</a>	120 VAC or 24 VDC	250 VAC	DIN Rail		Yes	USB RS-232 Ethernet	Includes Two SS Alarm Relays & Modbus	\$235	Modbus Ethernet Included





**Local Alarms and Shut-downs - Alarm Outputs Available from the Transmitter**

Laurel	<a href="#">LT</a> <a href="#">LTE</a>	120 VAC or 24 VDC	250 VAC	DIN Rail		Yes	USB RS-232 Ethernet	Includes Two SS Alarm Relays & Modbus	\$235	Modbus Ethernet Included
--------	---	-------------------	---------	----------	--	-----	---------------------	---------------------------------------	-------	--------------------------

**Loop Splitters, Isolaters, Re-scalers**  
(see next page)

·  
·  
·

## Loop Splitters, Isolators, Re-scalers

Laurel	<a href="#">QLS</a>	120 VAC or 24 V AC/DC	10 VDC	DIN Rail		Screwdriver ± 10%	4 loops	\$200	Quad Splitter
ACI	ARM	24 V AC/DC	No	Board Level		Screwdriver	Enclosure Available	\$95	Re-scaler <u>Not</u> Isolated
ACI	AIM-2	24 VAC 120 VAC	Yes	Board Level		Screwdriver	Enclosure Available	\$221	Isolator Re-scaler
Novus	<a href="#">TxIsoLoop</a>	Input Loop	250 VAC 3000 V 10 sec	DIN Rail		None	1 or 2 loop	\$135 - 1 loop \$235 - 2 loop	Isolator Splitter