

## Action Instruments™ Low Profile Signal Conditioners

- Low Power
- Higher Accuracy
- Field Configurable
- E-Mail Alarm Notification

**SlimPak II**


### SPECIFICATIONS

Output:	0-10V, 0-20mA, 4-20mA
Accuracy (In/Out):	±0.015% rmg / ±0.05% rmg
Isolation:	1800V AC/DC, In/Out/Power
Operating Temp:	0 to 60°C, <95% RH
Power:	9-30VDC, 1W typ.
Alarm:	2 SPDT, 5A@120VAC
Size:	0.5" wide DIN rail case
Approvals:	UL508, CSA C22.2, CE

### ORDERING INFORMATION

Model	Function	Range
WV408-2000	DC	±150mV, 1.5/15/150V, 2.5/25mA +reverse
WV418-2000	RTD	2/3/4 wire: Pt100, Cu10
WV428-2000	T/C	J,K,T,R,S,E,B,N,C,B
WV438-2000	Potentiometer	100Ω to 100kΩ
WV448-2000	Bridge	±5/10/20/50/100/200mV (1-10VDC, 120mA excitation)
WV468-2000	AC	50/150/500mV, 5/20/50/150/250V, 20/100mA +reverse (40-400Hz)
WV478-2000	Frequency	0-10kHz (150mV-150V)
WVC16-2000	Communication	Up to 32 modules to Ethernet 10Base-T
C650-2000	Software	Includes serial cable
WV905	Power Supply	24VDC @0.5A

Also available as Limit Alarms with latching relays &amp; reset switch

## Pyromation Temperature Transmitters

- Wide Operating Temperature Range
- Factory or Field Configurable
- Sensor Break & Short Circuit Detection
- T/C Head Mounting (441 & 442)  
Industrial or Explosion Proof Housing (642)
- FM & CSA Approved Intrinsically Safe & Non-Incendive

### SPECIFICATIONS

Input:	T/C J,K,T,E,R,S,B,N,L,U,C,D RTD Pt or Ni, 100/500/1000, 2/3/4-wire DC -10 to 100mV Resistance 400Ω, 2000Ω
Accuracy:	0.2°C (Pt100), 1°C (K T/C)
Output:	2-wire, 4-20mA or 20-4mA
Maximum Load:	(Vsupply - 8V)/25mA
Power Supply:	8-30V DC (40V max on 642 models)
Operating Temperature:	-40 to 85°C, condensing allowable
Dimensions (441, 442):	1.73" dia x 0.9" (44x23mm)
Galvanic Isolation:	3.75kV AC

### ORDERING INFORMATION

PM/441	Temperature Head Transmitter
PM/442	Temperature Head Transmitter with HART® protocol
PM/642A	Programmable HART® Transmitter
PM/642AT	Programmable HART® Transmitter with digital display
PM/642C	Programmable HART® Transmitter, explosion proof housing

For factory configuration, specify input type &amp; range (°C or °F); for field configuration, order communication cable &amp; software

**642**

**441**


## NLS Series 8000 Signal Conditioners

- Input, Output, Isolation, Power Supply and Special Functions Combined in One Low Cost Modular Unit
- Field-Settable Range, Span and Configuration
- Fuse Protected Linear Power
- UL Recognized
- High Impact, Flame Retardant Polycarbonate Case

The Series 8000 signal conditioners are designed with a modular architecture to allow full input, output, and special function selectability and interchangeability. They can also be used as isolators, signal amplifiers, and transmitters.

**8000-1-1**
