



Signal Conditioners to fit all your needs.



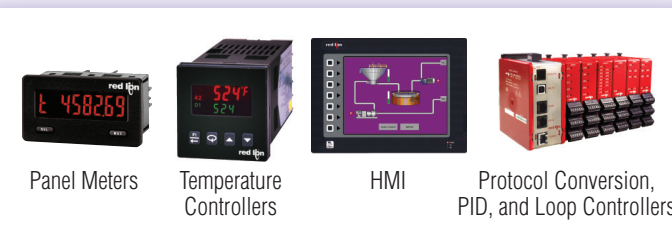
Red Lion Controls
20 Willow Springs Circle
York, PA 17406
ph: (717) 767-6511
fax: (717) 764-0839
www.redlion.net

©2008 Red Lion Controls
ADLD 0091

Complete your system with our large sensor selection



Integrate seamlessly with other Red Lion products



signal conditioning made universally easier.



- Universal modules
- Detachable display module
- Universal input
- Universal AC or DC power
- No DIP switches
- Easy configuration transfer

it's a snap.



Signal Conditioners from the brand you trust.

Red Lion brings excellence and value not just to your panel, but to your DIN rail too. Our complete line of Signal Conditioners improve accuracy and performance in a variety of applications including:

- Current
- Voltage
- Process
- Temperature
- Frequency
- Communication
- Plus 24 volt DIN rail mount power supplies in 1, 2 and 4 amp models

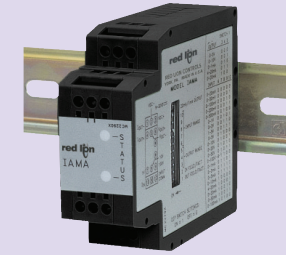
www.redlion.net



New Universal Models offer advanced features and detachable programming/display. Introducing our most advanced Signal Conditioner models—the new **IAMS Series** Universal Signal Conditioners:

- Three models available: Analog Output, Setpoint Control, Analog/Setpoint
- Detachable LCD programming/display module makes programming easy
- Easily transfer configuration from one module to the next
- Removable terminal strips
- Universal input including RTD, TC, Ohm, potentiometer, mA and VDC
- Universal power supply: 21.6 to 253 VAC or 19.2 to 300 VDC
- Output control including retransmitted analog and/or dual setpoint control
- No fussing with tiny DIP switches or PC tethering
- Multi-lingual display with guided configuration in 7 on-board languages
- Reduce module inventories, simplify setup with push button programming
- Access advanced functions and data through the working display
- Over 100 input to output combinations

Current, Voltage and Process



2 Models Available
IAMA: Universal
IAMA(6): Universal

3-Way Isolation

Switch-selectable Input and Outputs

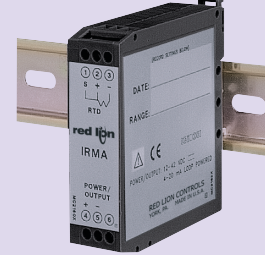
I/O Combinations –
IAMA: 100
IAMA(6): 35

DC Powered

IAMA: UL Recognized
IAMA(6): UL Process Control, Class 1 Div 2

IAMA: 3.1" x 1.1" x 4.2"
IAMA(6): 3.7" x 0.24" x 4.0"

Temperature



2 Models Available
IRMA: RTD Inputs
ITMA: TC Inputs

2-Way Isolation

Switch-selectable Input with 4 to 20 mA Output

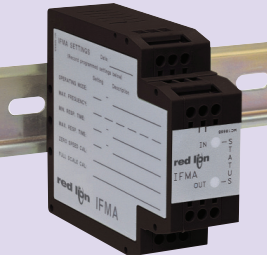
Sensor Break Detection

DC or Loop Powered

N/A

AC Model: 3.1" x 0.9" x 3.3"
 DC Model: 3.1" x 1.0" x 4.2"

Frequency



3 Models Available
IFMA: Freq to Analog
AFCM: Analog to Freq
IFMR: Speed Switch

IFMA/AFCM:
 3-Way Isolation

Switch-selectable Input and Outputs

IFMA: DC mA and V
IFMR: Over, Under and Zero-speed Detection

IFMA/IFMR: AC or DC Powered
AFCM: DC Powered

UL Recognized

IFMA/IFMR: 3.1" x 1.1" x 4.2"
AFCM: 3.7" x 0.24" x 4.0"

Communication



3 Models Available
ICM4: RS-232/RS-485
ICM5: RS-232/RS-485
ICM8: Serial/Ethernet

ICM4: Non-isolated
ICM5: 3-Way Isolation

ICM4/ICM5: Switch-selectable Input or Output

ICM8: Protocol Conversion set up through Crimson® Software (Red Lion products only)

DC Powered

ICM4/ICM5: UL Recognized

ICM4: 3.4" x 1.0" x 3.5"
ICM5: 3.67" x 1.0" x 3.1"
ICM8: 4.2" x 1.8" x 5.3"