

Four-wire
Signal Conditioners

Two-wire
Signal Conditioners

Power Transducers

Indicators

Limit Alarms

Gateway,
Remote I/O

Paperless Recording
System

PC Recorder

Electronic Actuators
& Position Sensors

Lightning Surge
Protectors

Four-wire
Product Selection Guide

Mini-M Series

Mini-MW Series

M6 Series

M5-UNIT Series

W5-UNIT Series

M3-UNIT Series

M3S-UNIT Series

Pico-M Series

MX-UNIT Series

M-UNIT Series

W-UNIT Series

K-UNIT Series

F-UNIT Series

H-UNIT Series

10-RACK Series

18-RACK Series

38-RACK Series

Four-wire Signal Conditioners

Rack-mounted

PC Programmable; "ONE-STEP CAL" Programming Without Needing a PC is also available.

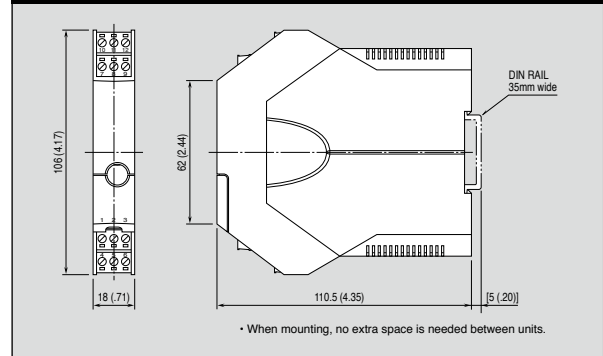
- Easy and precise field configurable I/O ranges
- Enhanced PC Configurator Software
- 1500V AC isolation
- 18 mm (0.71") thin profile DIN rail mounting



► SPECIFICATIONS

Construction	Front terminal access
Connection	Removable terminal block
Housing material	Flame-resistant resin (grey)
Isolation	Input to output to power
Calibration	One-Step Cal
Status indicator LED	Tri-color (green/amber/red) LED
Operating temperature	-25 to +65°C (-13 to +149°F) Max. 55°C (131°F) for UL approval
Mounting	DIN rail
Dielectric strength	AC powered (M3LU): 2000V AC @1 minute (input to output to power to ground) DC powered: 1500V AC @1 minute (input to output or power to ground) 500V @1 minute (output to power)
AC power input (M3LU, M3LPA)	Operational voltage range 85 – 264V AC
DC power input	Operational voltage range 9 – 36V DC Operational voltage range 24V DC ±10% (M3LDY)

► EXTERNAL DIMENSIONS



Model	Function	Page
M3LU	Universal Transmitter (field- and PC-configurable)	P.65
M3LV	Signal Transmitter (field- and PC-configurable)	P.65
M3LT	Thermocouple Transmitter (field- and PC-configurable)	P.66
M3LR	RTD Transmitter (field- and PC-configurable)	P.66
M3LM	Potentiometer Transmitter (field- and PC-configurable)	P.66
M3LLC	Strain Gauge Transmitter (field- and PC-configurable)	P.67
M3LDY	Current Loop Supply (linearizing; field- and PC-configurable)	P.67
M3DY	Current Loop Supply	P.67
M3LPA	Frequency Transmitter (field- and PC-configurable)	P.67