



## MC170-32 Module Case Industrial Signal Conditioning



- Up to 64 Channels in 3.5" of Rack Space
- Wide Variety of Signal Conditioning Modules Available
- 110/220 VAC and +12 Vdc Power Available
- For Bench-top or Rack Mount

### Description

The Validyne MC170-32 system supplies up to 64 channels of sensor signal conditioning in just 3.5 inches of rack space, providing a high-density configuration for industrial data acquisition and control systems. The MC170 module cases provide power, input and output connections for a series of plug-in signal conditioning modules that accept a wide variety of low level sensor input.

Each signal conditioning module provides all the required excitation, amplification, calibration adjustments and output filtering for a specific sensor type, and produces a standard +/-10 Vdc analog output signal.

### Accessories

Mating sensor input connectors and analog output connectors are available as separate parts.

7-pin Input Mating Connector: 1920-2077  
40-pin Output Signal Connector Kit: 11401

MC170-32 Rack Mounting Kit: 11961

### Specifications:

**Power:** 105-125 VAC @ 50-400 Hz  
210-250 VAC Optional  
60 VA, Maximum

### Carrier Supply:

Voltage	5 Vrms Sine wave
Frequency	3 KHz
Power	+/-15 Vdc, 20 mA/Channel

### Carrier Regulation:

Line	Amplitude: +/-0.01% Frequency: +/-0.01%
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Load	Amplitude: +/-0.01% Frequency: +/-0.10%
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Temp (0 to 160 F)	Amplitude: +/-0.01% Frequency: +/-0.006%
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### Connections:

Input	7 Terminal Connector
Output	40 pin Header 0.100"

### Size:

Height	3.5"
Width	17.5"
Depth	16"
Weight	16.5 lbs

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