

**MIGHTY-5 & MIGHTY-5S**  
**Daylight Readable LED Process & Scale Indicators**  
 Price List & Ordering Guide (Effective January 1, 2015)

<b>Ordering Example:</b>	<b>M5W</b>	<b>H</b>	<b>R</b>	<b>2</b>	<b>MVI2 - SC</b>
	<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>	<b>e</b> <b>f</b>

**a MAIN ASSEMBLY & MOUNTING** \$List

Mighty-5 Process Display

<b>M5W</b>	Outdoor weatherproof case/wall mount.....	1,360
<b>M5B</b>	Outdoor weatherproof case/bracket mount .....	1,410

Mighty-5S Scale Display

<b>M5SW</b>	Outdoor weatherproof case/wall mount.....	1,400
<b>M5SB</b>	Outdoor weatherproof case/bracket mount .....	1,450

Prices include configuration and scaling to your requirements.  
 Add the -SC Option when scalings or configurations other than those shown (default settings) are required.

For extended version features, add "E" to the above ..... 40 part numbers i.e. M5WE, M5SBE etc.

**b ANALOG OUTPUT OPTION** (Not required)

<b>H</b>	None .....	N/C
<b>J</b>	0 to 10Vdc .....	90
<b>K</b>	0 to 20mAdc (4/20mA) .....	90
<b>L</b>	-10 to +10V .....	90

**c SETPOINT OUTPUT OPTION** (Not required)

<b>H</b>	None .....	N/C
<b>R</b>	Two 8A Form C, contact relays .....	80
<b>Q</b>	Four 8A, Form C, contact relays .....	100
<b>C</b>	Two 130mA, Form A, solid state relays .....	55
<b>P</b>	Four 130mA, Form A, solid state relays .....	75

**d DIGITAL INTERFACE OPTION** (Not required)

<b>H</b>	None .....	N/C
<b>2</b>	RS-232 .....	60
<b>2U</b>	RS-232-USB .....	60
<b>4</b>	RS-485 .....	80
<b>4U</b>	RS-485-USB .....	100
<b>5</b>	Modbus (Not available on Mighty-5S) .....	90

**e SIGNAL CONDITIONERS** (Select one)

**DC VOLTAGE**

<b>MVI 1</b>	200.00mV = 200.00 .....	65
<b>2</b>	2.0000V = 2.0000 .....	65
<b>3</b>	20.000V = 20.000 .....	65
<b>4</b>	200.00V = 200.00 .....	65
<b>5</b>	600.0V = 600.0 .....	65

**DC CURRENT**

<b>MCI 1</b>	2.0000mA = 2.0000 .....	65
<b>2</b>	20.000mA = 20.000 .....	65
<b>3</b>	200.00mA = 200.00 .....	65
<b>4</b>	5.000A = 5.000 .....	65

**PROCESS**

<b>E</b>	4/20mA = 0-100.00 display .....	65
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SIGNAL CONDITIONERS (Cont.) \$List

**STRAIN GAUGE, POTENTIOMETER.**

<b>SG</b>	0/200mV = 0-100.00 display .....	65
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**LOAD CELL, MICROVOLT METER**

<b>LC</b>	0/20mV = 20,000 .....	125
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*The following Signal Conditioners may only be selected for use with Process Main Assemblies (M5W or M5B).*

**AC TRUE RMS VOLTAGE**

<b>MTV 1</b>	200.00mV = 200.00 .....	105
<b>2</b>	2.0000V = 2.0000 .....	105
<b>3</b>	20.000V = 20.000 .....	105
<b>4</b>	200.00V = 200.00 .....	105
<b>5</b>	600.0V = 600.0 .....	105

**AC TRUE RMS CURRENT**

<b>MTI 1</b>	2.0000mA = 2.0000 .....	105
<b>2</b>	20.000mA = 20.000 .....	105
<b>3</b>	200.00mA = 200.00 .....	105
<b>4</b>	5.000A = 5.000 .....	105

Note: Range 4 may be used with an external Current Transformer and scaled to display in amps i.e. 5A =15,000 A.

**RTD TEMPERATURE**

<b>M385C</b>	Pt 100 ohm -202 to 850°C .....	65
<b>M385F</b>	Pt 100 ohm -331 to 1562°F .....	65
<b>M392C</b>	Pt 100 ohm -202 to 850°C, .....	65
<b>M392F</b>	Pt 100 ohm -331 to 1562°F, .....	65
<b>M672C</b>	Ni 120 ohm -100 to 260°C .....	65
<b>M672F</b>	Ni 120 ohm -148 to 500°F .....	65
<b>M427C</b>	Cu 10 ohm -100 to 260°C, .....	65
<b>M427F</b>	Cu 10 ohm -148 to 500°F, .....	65

**THERMOCOUPLE TEMPERATURE**

<b>MJC</b>	-210 to 760°C .....	65
<b>MJF</b>	-347 to 1400°F .....	65
<b>MKC</b>	-244 to 1372°C .....	65
<b>MKF</b>	-408 to 1501°F .....	65
<b>MNC</b>	-245 to 1300°C .....	65
<b>MNF</b>	-410 to 2370°F .....	65
<b>MTC</b>	-257 to 400°C .....	65
<b>MTF</b>	-430 to 752°F .....	65
<b>MEC</b>	-270 to 1000°C .....	65
<b>MEF</b>	-450 to 1830°F .....	65
<b>MRC</b>	-45 to 1768°C .....	65
<b>MRF</b>	-49 to 3213°F .....	65
<b>MSC</b>	-46 to 1768°C .....	65
<b>MSF</b>	-51 to 3214°F .....	65

**RESISTANCE (OHMS)**

<b>MR1</b>	0-20 ohm .....	65
<b>MR2</b>	0-200 ohm .....	65
<b>MR3</b>	0-2 kohm .....	65
<b>MR4</b>	0-20 kohm .....	65
<b>MR5</b>	0-200 kohm .....	65

**f SPECIAL CONFIGURATION** (Not required)

**SC** Special Configuration: ..... N/C  
 Add this option only when scalings or configurations other than those shown (default settings) are required.

# MIGHTY-5C

## Daylight Readable LED Counters & Timers Price List & Ordering Guide (Effective January 1, 2015)

Ordering Example: M5CWE H R H C - SC  
                                   a    b    c    d    e    f

### **a** MAIN ASSEMBLY & MOUNTING \$List

- M5CW** Outdoor weatherproof case/wall mount..... 1,360
- M5CB** Outdoor weatherproof case/bracket mount .... 1,410

Prices include configuration and scaling to your requirements. Add the -SC Option (no charge) when scalings or configurations other than those shown (default settings) are required.

For extended version features, add "E" to the above ..... 40 part numbers i.e. M5CWE or M5CBE.

### **b** ANALOG OUTPUT OPTION (Not required)

- H** None ..... NC
- J** 0 to 10Vdc.....90
- K** 0 to 20mAdc (4/20mA) .....90
- L** -10 to +10V .....90
- M** Dual output 4-20mA, 0-10V ..... 135

### **c** SETPOINT OUTPUT OPTION (Not required)

- H** None ..... NC
- R** Two 8A Form C, contact relays .....80
- Q** Four 8A, Form C, contact relays ..... 100
- C** Two 130mA, Form A, solid state relays .....55
- P** Four 130mA, Form A, solid state relays .....75

### **d** DIGITAL INTERFACE OPTION (Not required)

- H** None ..... NC
- 2** RS-232 .....60
- 2U** RS-232-USB .....60
- 4** RS-485 .....80
- 4U** RS-485-USB .....100
- 5** Modbus (ASCII or RTU) .....90
- 6** Ethernet .....120
- 7** Ethernet to RS485 converter ..... 150

### **e** SIGNAL CONDITIONERS (Select one)

#### REMOTE DISPLAY

- RD** No signal conditioner required ..... NC  
Requires a basic counter, an RS232 or RS485 digital interface card and no signal conditioner.

#### PROCESS RATE & TOTAL:

- A 1** "A only" 4/20 mA = 20,000 .....65
- 2** "A only" 0 to 1 mA = 10,000 .....65
- 3** "A only" 10 V = 10.000 .....65

Specify one of the following input configurations:

**Basic counter**(M5CW or M5CB): .....  
Rate, rate & total simultaneously (analog totalizer), square root of rate (for differential pressure or target type flow meters).

**Extended counter** (M5CWE or M5CBE):  
Above plus linearized inputs using up to 180 points, batch control with rate, total and # of batches or grand total of all batches, time measurements based on rate.

### DUAL CHANNEL (Pulse or AC Inputs)

- C** Counter, scalable to 999,999 ..... 65 \$List

Specify one of the following input configurations:

#### Basic counter(M5CW or M5CB):

Frequency (2 channels simultaneously), rate (2 channels simultaneously), total (up or down, 2 channels simultaneously), period (2 channels simultaneously), stopwatch, time interval, square root of rate.

#### Extended counter (M5CWE or M5CBE):

Rate and total simultaneously, linearized inputs (up to 180 points), arithmetic functions (A\*B, A/B, A+B, A-B, A/B-1), phase angle, duty cycle, up/down counting, batch control.

#### QUADRATURE INPUT

- Q** Quadrature, scalable to 999,999 ..... 95

Specify one of the following input configurations:

#### Basic counter(M5CW or M5CB):

Position or length from encoders. Accepts differential or single-ended inputs: 1x, 2x or 4x, plus zero index.

#### Extended counter (M5CWE or M5CBE):

Bidirectional rate (rate & position or length are not simultaneous).

### **f** SPECIAL CONFIGURATION (Not required)

- SC** Special Configuration: ..... N/C  
Add this option only when scalings or configurations other than those shown (default settings) are required.

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