

MIGHTY-5 & MIGHTY-5S
Daylight Readable LED Process & Scale Indicators
 Price List & Ordering Guide (Effective May 1, 2011)

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

a MAIN ASSEMBLY & MOUNTING \$List

Mighty-5 Process Display

M5W	Outdoor weatherproof case/wall mount.....	1,285
M5B	Outdoor weatherproof case/bracket mount	1,335

Mighty-5S Scale Display

M5SW	Outdoor weatherproof case/wall mount.....	1,325
M5SB	Outdoor weatherproof case/bracket mount	1,375

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)

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

c SETPOINT OUTPUT OPTION (Not required)

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

e SIGNAL CONDITIONERS (Select one)

DC VOLTAGE

MVI 1	200.00mV = 200.00	65
2	2.0000V = 2.0000	65
3	20.000V = 20.000	65
4	200.00V = 200.00	65
5	600.0V = 600.0	65

DC CURRENT

MCI 1	2.0000mA = 2.0000	65
2	20.000mA = 20.000	65
3	200.00mA = 200.00	65
4	5.000A = 5.000	65

PROCESS

E	4/20mA = 0-100.00 display	65
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SIGNAL CONDITIONERS (Cont.)

\$List

STRAIN GAUGE, POTENTIOMETER.

SG	0/200mV = 0-100.00 display	65
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LOAD CELL, MICROVOLT METER

LC	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

MTV 1	200.00mV = 200.00	105
2	2.0000V = 2.0000	105
3	20.000V = 20.000	105
4	200.00V = 200.00	105
5	600.0V = 600.0	105

AC TRUE RMS CURRENT

MTI 1	2.0000mA = 2.0000	105
2	20.000mA = 20.000	105
3	200.00mA = 200.00	105
4	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

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

THERMOCOUPLE TEMPERATURE

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

RESISTANCE (OHMS)

MR1	0-20 ohm	65
MR2	0-200 ohm	65
MR3	0-2 kohm	65
MR4	0-20 kohm	65
MR5	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 May 1, 2011)

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..... 1,285
- M5CB** Outdoor weatherproof case/bracket mount 1,335

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 +10V90
- M** Dual output 4-20mA, 0-10V 135

c SETPOINT OUTPUT OPTION (Not required)

- H** None NC
- R** Two 8A Form C, contact relays80
- Q** Four 8A, Form C, contact relays 100
- C** Two 130mA, Form A, solid state relays55
- P** Four 130mA, Form A, solid state relays75

d DIGITAL INTERFACE OPTION (Not required)

- H** None NC
- 2** RS-23260
- 2U** RS-232-USB60
- 4** RS-48580
- 4U** RS-485-USB100
- 5** Modbus (ASCII or RTU)90
- 6** Ethernet120
- 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 = 20,00065
- 2** "A only" 0 to 1 mA = 10,00065
- 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)

\$List

- C** Counter, scalable to 999,999 65

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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