

LaserLight® M-Series

Eight or Twelve Character Messaging Remote Displays



Standard Features

- Available with 8-character and 12-character display
- 2.75 in high-intensity red character (discrete LED)
- Four annunciators for gross, net, lb, kg
- Auto Learn mode of communication protocols
- Display messages scroll, slide and flash
- Hold displayed weight (demand input)
- Software selectable standstill mode, no updates while in motion
- Software configuration menu
- Durable weather-tight enclosure
- Adjustable daylight/night intensity
- Non-glare contrast filtered lens
- Mirror function
- RS-232, 20 mA and RS-485 communications
- Auto sensing 115/230 VAC power supply
- Porous polyethylene breather vent

APPROVALS*



*See Specific Part Numbers

Specifications

Display:

2.75 in digit; 5 x 7 dot matrix using discrete oval precision optical performance red LED lamps
Contrast enhanced optical filtering lens
1- or 2-place decimal or comma indication
4 annunciators for GR, NT, lb, kg

Input Interface:

RS-232, RS-485, 20 mA current loop (active or passive, switch selectable)

Maximum Viewing Distance:

150 ft (50 m)

Output Interface:

Independently configurable echo port, RS-232 or 20 mA current loop (active or passive, switch selectable)

Input Data Format:

Baud Rate: 1200, 2400, 4800, 9600, and 19200 self learning or software selectable
Character Format: 7 or 8 data bits; even, odd, or no parity; 1 or 2 stop bits, self learning or software selectable

Update:

Continuous or out-of-motion only; software selectable

Power Consumption:

8-character: 21 watt
12-character: 27 watt

Time Option:

Software enable/disable, 12- or 24-hour format

Date Option:

Software enable/disable, US or ISO format

Temperature Option:

Software selectable °F or °C, temperature probe automatically detected

Material:

Weatherproof, mild steel, powder coated

Weight:

8-character: 16 lb (7 kg)
12-character: 22 lb (10 kg)

Operating Temperature Range:

-40°F to 120°F (-40°C to 49°C)

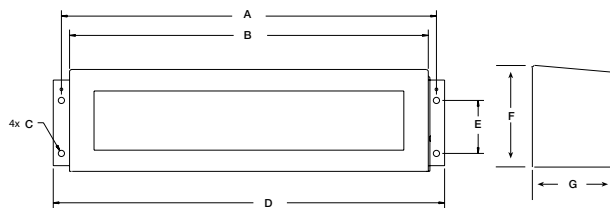
Warranty:

Two-year limited warranty

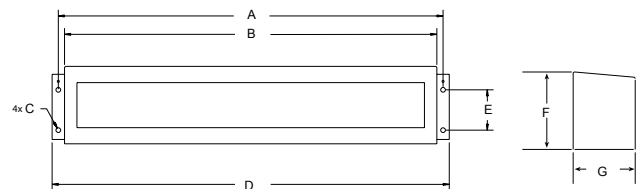
Approvals:

UL/cUL on specific part numbers

Dimensions			
3M8 Enclosure			
A	23.00 in (584 mm)	E	3.25 in (83 mm)
B	22.00 in (559 mm)	F	6.25 in (159 mm)
C	4x 0.38 in (10 mm)	G	5.00 in (127 mm)
D	24.00 in (610 mm)		
3M12 Enclosure			
A	31.00 in (787 mm)	E	3.25 in (83 mm)
B	30.00 in (762 mm)	F	6.25 in (159 mm)
C	4x 0.38 in (10 mm)	G	5.00 in (127 mm)
D	32.00 in (813 mm)		



LaserLight 3M8



LaserLight 3M12

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Part Number/Price

Part #	Description	Est. Weight	Price
85137	LaserLight 3M8 messaging 8-character	22 lb	Consult
Consult*	LaserLight 3M8 messaging 8-character, marked UL/cUL	22 lb	Consult
85152	LaserLight 3M12 messaging 12-character	27 lb	Consult
Consult*	LaserLight 3M12 messaging 12-character, marked UL/cUL	27 lb	Consult

* LaserLights with UL/cUL approval

Options/Accessories

Part #	Description	Price
75853	Time and date	Consult
43412	Temperature probe assembly	Consult
75854	3M8 visor (not required for weather protection), field installable	Consult
85343	3M8 LaserLight pole mount kit	Consult
85344	3M12 LaserLight pole mount kit	Consult
75936	Additional operating manual	Consult
103178	Wireless RFI interface, includes pair of ConnexLink™ radios (for 3M12 only)	Consult