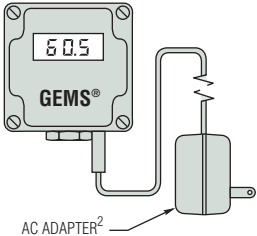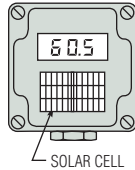~Maserac®
脉泽电子

RECEIVERS

3-Digit Level Cube Receivers

For use with GEMS Transmitters and SureSite® Transmitters.

These compact, low-cost Level Cubes provide accurate, continuous 3-digit readout of liquid level. The indicating range and decimal point location on the display are quickly and easily selectable with the readout plainly visible.

3 Power Choices with NPT or Cable Mounted

9-V Battery Powered	9 VDC/117 VAC Powered	Solar-Powered
Part Numbers: 118600—Cable Output 119250—1/2″ NPT	**Part Numbers:** 118620—Cable Output 119270—1/2″ NPT	**Part Numbers:** 118610—Cable Output 119260—1/2″ NPT

Notes:
1. **9-V Alkaline Battery Powered Units:** Two batteries (supplied) are snapped into terminals in Cube. On/Off switch available
2. **9 VDC/117 VAC Powered Units:** Power is supplied from AC adapter. A plug, Part Number 119218, is available for use where 7-VDC power is supplied by customer. These units are not watertight.
3. **Solar-Powered Units:** Sunlight or a flashlight beam directed on a solar cell in the front cover is all that's needed to operate.

Specifications

Housing Material	Polycarbonate, NEMA-4X, watertight*
Cable Distance from Transmitter	100 feet, Max.
Operating Temperature	+23°F to 131°F (-5°C to +55°C)
Accuracy	± 2%

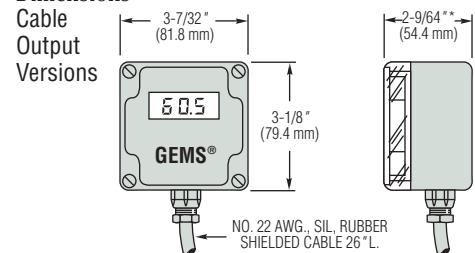*Except for 9 VDC/117 VAC Powered Units which are not watertight.

How To Order – Standard Models

Style	Mounting	Part Number
9-V Battery	Cable Output	**118600**
	1/2″ NPT	**119250**
9 VDC / 117 VAC	Cable Output	**118620**
	1/2″ NPT	**119270**
Solar	Cable Output	**118610**
	1/2″ NPT	**119260**

Tel : 027-87886630
Fax : 027-87886620
www.maserac.com

NPT or Cable Mounted

Dimensions Cable Output Versions

3-7/32″ (81.8 mm) · 2-9/64″** (54.4 mm) · 3-1/8″ (79.4 mm)

NO. 22 AWG., SIL, RUBBER SHIELDED CABLE 26″L.

* P/N 118600 9-V Battery = 3-11/32″ (84.8 mm) only.

1/2″ NPT Versions

3-7/32″ (81.8 mm) · 3-11/32″ (84.8 mm) · 3-1/8″ (79.4 mm) · 1/2″NPT
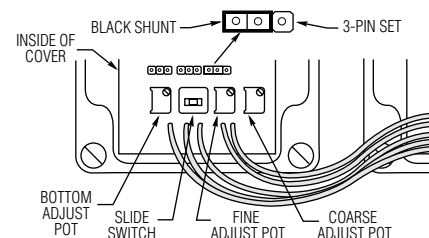
Typical Wiring Diagram

RED — RED
WHITE — WHITE
BLACK — BLACK
LEVEL CUBE
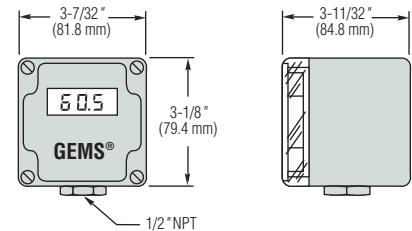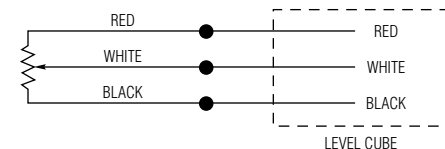
Note: For ullage indication, transpose red and black connections.

Easy to Adjust and Calibrate

Adjustments must be performed with cover removed (see illustration) and power applied. Results are observed on the front display.

BLACK SHUNT — 3-PIN SET
INSIDE OF COVER
BOTTOM ADJUST POT · SLIDE SWITCH · FINE ADJUST POT · COARSE ADJUST POT

To position decimal point: Place black shunt over left two pins of proper 3-pin set for desired decimal in display. For no decimal, place shunt over right two pins of any set.

LEVEL INDICATORS – VISUAL

3-Digit Level Cube / p1of1 / 3-APR-14

D-25