GS1040-99 High Visibility 40mm Six Digit Display in IP67 Stainless Steel Enclosure for Harsh Environments.
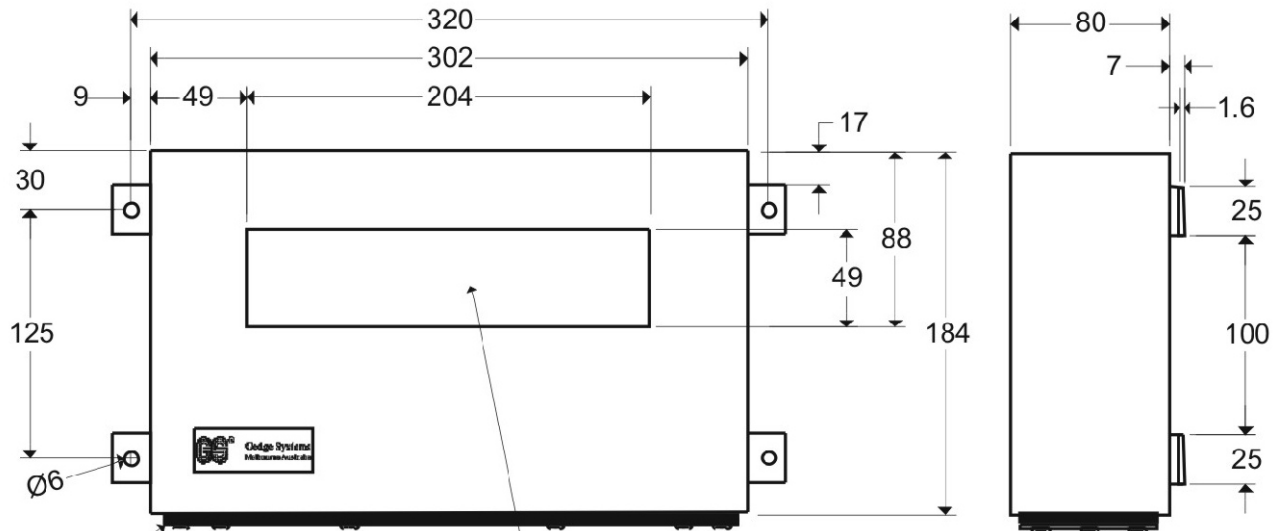

KEY FEATURES

- **IP67 Protection Rating.** Resistant to high pressure water spray, temporary imersion & dust and dirt.

- **Stainless Steel Throughout.** The all metal construction, including the internal fittings, are of high quality 1.2mm; 1.6mm and 2.0mm thick stainless steel type 304. External visible surfaces are brushed finished for an attractive visual appearance.

- **High Visibility Display.** The SIX digit display behind a 4mm glass window, comprises large 40mm seven segment electromechanical digits. Each segment is bright yellow for maximum visibility. It has a wide angle of visibility and can be seen up to 70 degrees perpendicular to the front face.

- **High Speed.** Up to 4 updates per second depending on the refresh rate of the serial input data stream.

- **Easy to Setup.** There are no internal settings in the GS1040-99 Display. All serial input selections are made by an easily accessible key. The setup selections are displayed as they are made.

- **Easy to Install.** The GS1040-99 is a light 3.5kg. It can easily be mounted with one hand while securing it with the other. In addition, the bottom of the enclosure includes a removable gasket sealed plate containing a conduit entry for power and serial input. The cavity exposed when the plate is removed contains the power receptacle for the mains supply; a removable screw terminal for the serial input; a mains fuse and the setup key.

- **Fault Tolerant.** The GS1040-99's automatic recovery from serial transmission faults enables its use in harsh environments and permits switching of inputs in Multi-Indicator display applications.

- **Use with All GS Indicators & Controllers.** Any **GS** weight indicator or controller that can be fitted with a serial output can operate the GS1040-99. The GS1040-99 operates with ALL serial output equipped Gedge Systems weight indicators and batch controllers including the powerful GS2800 High Speed Batch Controller.

- **Can be placed up to 1,000 meters away.** Locate the GS1040-99 1 meter to 1,000 meters away - all distances are catered for with the RS-232C, RS-422A and 20mA Current Loop inputs.

- **Low cost connection to Option01.** The GS1040-99 has an RS-422A 62.5k baud input for the proprietary serial output supplied as a no-cost option on some **GS** Indicators and a low cost option on others. Using this output for the "remote display" frees up the other ports for use with Computers, Printers and PLCs.

- **Accepts Computer Inputs.** Use the GS1040-99 as a general purpose remote display or signalling device. It displays ASCII data from a Computer or PLC.

- **Automatic Serial Input String Detection.** In-built intelligence enables the GS1040-99 to detect the type of input string from a wide range of selections, making fast and easy setup and operation a simple reality.
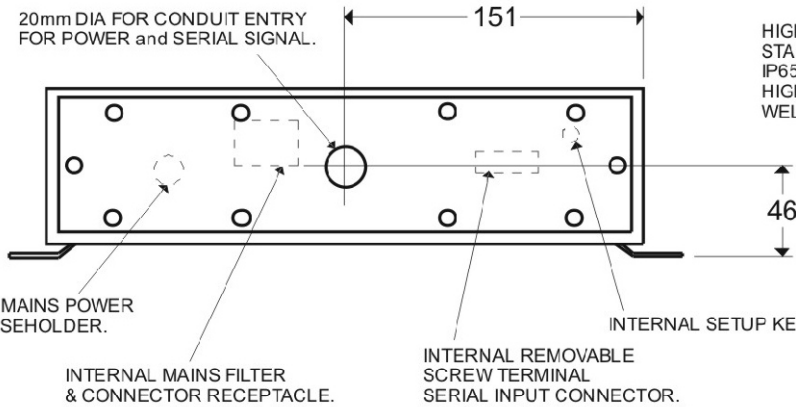
GEDGE SYSTEMS

Since 1978 Australia's Leading Manufacturer of High Accuracy Weighing Electronics

GS1040-99 Outline Drawing and Mounting Details.

320
302
204
9
49
17
30
125
Ø6
88
49
184
80
7
1.6
25
100
25

COVER PLATE with 3mm GASKET. REMOVE TO ACCESS POWER CONNECTION, POWER FUSE, SERIAL INPUT CONNECTOR AND SETUP KEY.

SIX 40mm HIGH, BRIGHT YELLOW DAYLIGHT VISIBLE DIGITS BEHIND SEALED SCRATCH RESISTANT GLASS.

20mm DIA FOR CONDUIT ENTRY FOR POWER and SERIAL SIGNAL.

151

46

HIGH QUALITY BRUSHED FINISHED 1.2mm STAINLESS STEEL TYPE 304 ENCLOSURE. IP65 PROTECTION RATED - RESISTANT TO HIGH PRESSURE WATER SPRAY AS WELL AS DUST AND DIRT.

INTERNAL MAINS POWER FUSE & FUSEHOLDER.

INTERNAL MAINS FILTER & CONNECTOR RECEPTACLE.

INTERNAL REMOVABLE SCREW TERMINAL SERIAL INPUT CONNECTOR.

INTERNAL SETUP KEY.

mm dimensions

Compliance and Ordering Guide.

COMPLIANCE:-
Conforms to EEC Electromagnetic Compatibility Standards. Conforms to the requirements of the Australian Electromagnetic Compatibility Framework. Y2K - Year 2000 Compliant in every respect.

CE 89/336/EEC (EMC)

N1840

ORDERING:-
GS1040-99 Remote Display. The GS1040-99 is normally supplied for 240VAC 50Hz mains supply operation. It can be supplied to operate with other AC voltages which must be specified at time of order.