DATA SHEET

GASTRACK

Universal Calibrator

📝 FEATURES

- Intuitive menu structure makes configuration and calibration quick and simple—no more meters or screwdriver adjustments!
- Powered by the product being calibrated
- Compact, lightweight design
- LCD screen—alpha numeric display
- Easy to clean soft-touch buttons

⚙️ APPLICATIONS

- Display and configuration:
  - Sensor status and calibration
  - Communication settings
  - Analogue output measurements
  - Alarm status and thresholds
- Hardware testing
- Can be used with all GASTRACK products

🔧 TECHNICAL SPECIFICATIONS

Temperature rating	-10 to +60° C
Construction	ABS (UL94-V0) enclosure with protective silicone cover
Seal rating	IP40
Supply voltage	Powered by the product being calibrated
Current consumption	100mA maximum
Cable connector	9-pin D-type connector[1]
Display	LCD screen alpha numeric 16 character x 2 line blue screen with white text
Keypad	3 x soft-touch buttons

⚙️ BUTTON FUNCTIONS

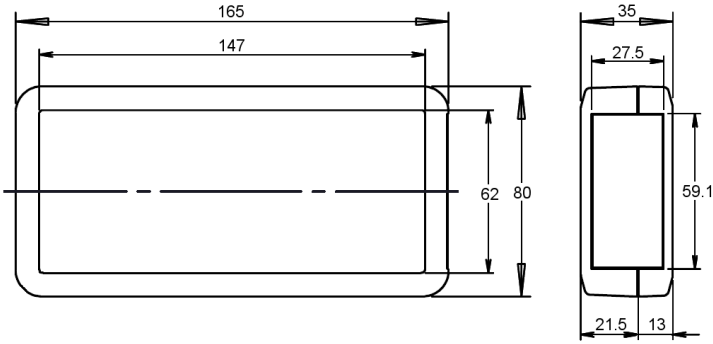| Button	Function		
	Primary	**Secondary**	**Tertiary**
⬅️	Scroll left	Scroll down	-
➡️	Scroll right	Scroll up	-
⬅🏠	Enter <screen flashes once>	Back one level <press & hold until screen flashes twice>	Return to home screen <press & hold until screen flashes 3 times>

✅ NOTES

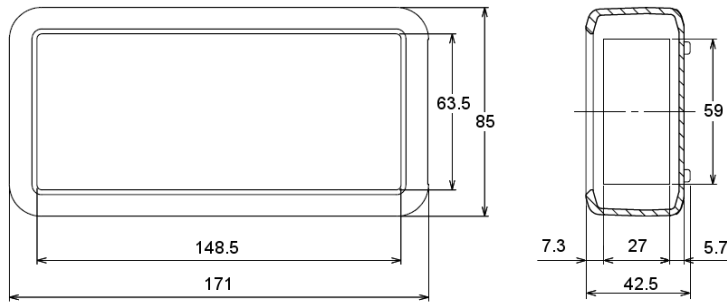1) Connection cables supplied separately; see Order Information overleaf.

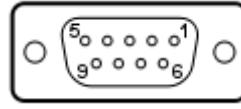## OUTLINE DRAWING

All dimensions shown in mm. Tolerances = ±1mm.

Enclosure

165
147
62 80
35
27.5
59.1
21.5 13

Protective Cover

63.5
85
148.5
171
59
7.3 27 5.7
42.5

ELECTRICAL INTERFACE

Pin	Assignment
1	24V
2	GND
3	CAN_H
4	CAN_L
5	N/C
6	N/C
7	N/C
8	N/C
9	N/C

ORDER INFORMATION

Specify the part number below when ordering the Universal Calibrator.

U - C A L

Cables available separately. Specify the part number that corresponds to the option you require—include the U-CAL prefix.

Part Number	Connector / Cable Assignment
U-CAL-UGT (Universal Gas Transmitter Probe only)	8-way, M12 T-connector (male to female)
U-CAL-IDC (All other Gastrack products)	8-way, IDC female connector

OTHER PRODUCTS IN THE GASTRACK RANGE

Universal Gas Transmitter Probe

Universal Gas Transmitter PCB

Gas Analyser Probe

Intelligent Transmitter / Controller

INFORMATION

All products are tested at ambient environmental conditions unless otherwise stated. As customer applications are outside of SST Sensing Ltd.'s control, the information provided is given without legal responsibility. Customers should test under their own conditions to ensure that the equipment is suitable for their intended application.

General Note: SST Sensing Ltd. reserves the right to make changes to product specifications without notice or liability.
All information is subject to SST Sensing Ltd.'s own data and considered accurate at time of going to print.

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