

TWO-COLOUR CURRENT GENERATOR

G1400

The G1400 is a **programmable digital current generator (0-25 mA)**, with **IP 65** front face protection. It is equipped with a two-colour 4 digits 14 mm high display with a brightness which integrates perfectly in applications in industrial control rooms. The extra-thin front face allows a better integration in cabinet fronts. The display scale factor which is proposed allows visualising the value of the generated current permanently in display unit. 2 isolated logic inputs with programmable function can be added optionally.

Two display versions are available:



Two-colour display, red and green



Two-colour display, red and white



Introduction

Easy programming on front face with a 5-key tactile keyboard.

• Functions:

Programmable display scale factor.
Measurement of the generated current on the output (in display unit).
Entering of the generated value (in display unit).
Increase and decrease of the output signal by pressing a key.

• Display:

Electroluminescent red and green (or red and white).
Selection of the basic colour and the condition for colour change programmable.
±10000 points.
2 Leds indicating the activation of the logic inputs.

• Universal power supply:

20 to 250 VAC and 20 to 250 VDC
Power consumption: 3 W max. 6 VA max.

• Option (must be specified on order):

2 isolated logic inputs (24VDC signal).
- Generating of a specific value.
- Increase and decrease of the output signal.

• Housing:

Self-extinguishing case of black UL 94 V0 ABS.
Extra-thin 1.4 mm front face.

• Connectors:

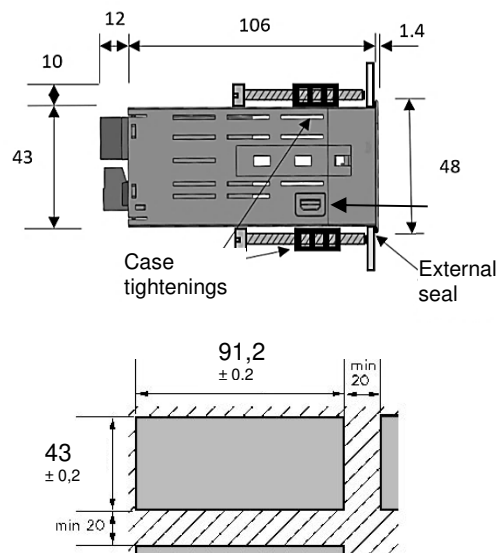
Removable terminal blocks on rear face for screwed connectings (2.5mm², flexible or rigid).

• Protection:

Front face: IP 65 Housing/terminals: IP20

Dimensions

Housing: 96 x 48 x 119.4 mm (with terminals)



Mounting: on panel, cut out 43 x 91,2 mm

Compliance with standards:

Directive LV 2014/35/UE.....EN 61010-1
Directive EMC 2014/30/UE.....EN 61326-1
Directive ROHS 2011/65/UE

CE Marking

Technical features

- **Galvanic isolation**

3 kVeff 50HZ 1mn, between supply, analogue output and logic inputs.

- **Changing of the display colour**

- Programming of the main display colour.
- Programming of the display colour change on alarm or self-diagnosis.

- **Environment**

- IP65 front face protection.
- Operating temperature: -20 to +60°C.
- Storage temperature: -20 to +70°C.
- Relative dampness: 80% annual average.
- Use in pollution degree 2 and voltage surge category II or better for 500 V AC, and III or better for a voltage lower than 300 V AC.
- Max. altitude: 2000 m
- Weight: 150g (with packaging)

Coding

Type: G1400

Options:

T = 2 logic inputs

Colour code:

RG = Two-colour display, Red/Green

RW = Two-colour display, Red/White

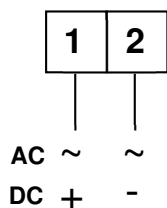
Order example: For a two-colour generator in Red/Green with option logic inputs, request the reference: **G1400-T-RG**.

This appliance is dedicated to industrial applications. It has to be installed in an electrical cabinet, or equivalent.

Connectings

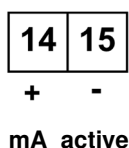
SUPPLY

A



OUTPUT

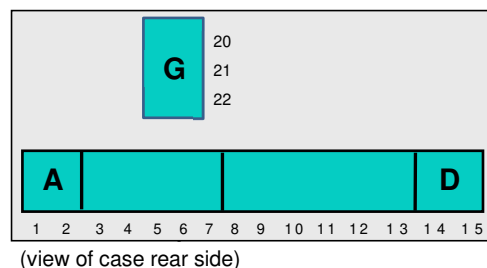
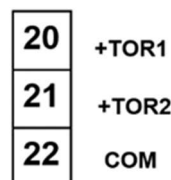
D



OPTION

LOGIC INPUTS

G



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