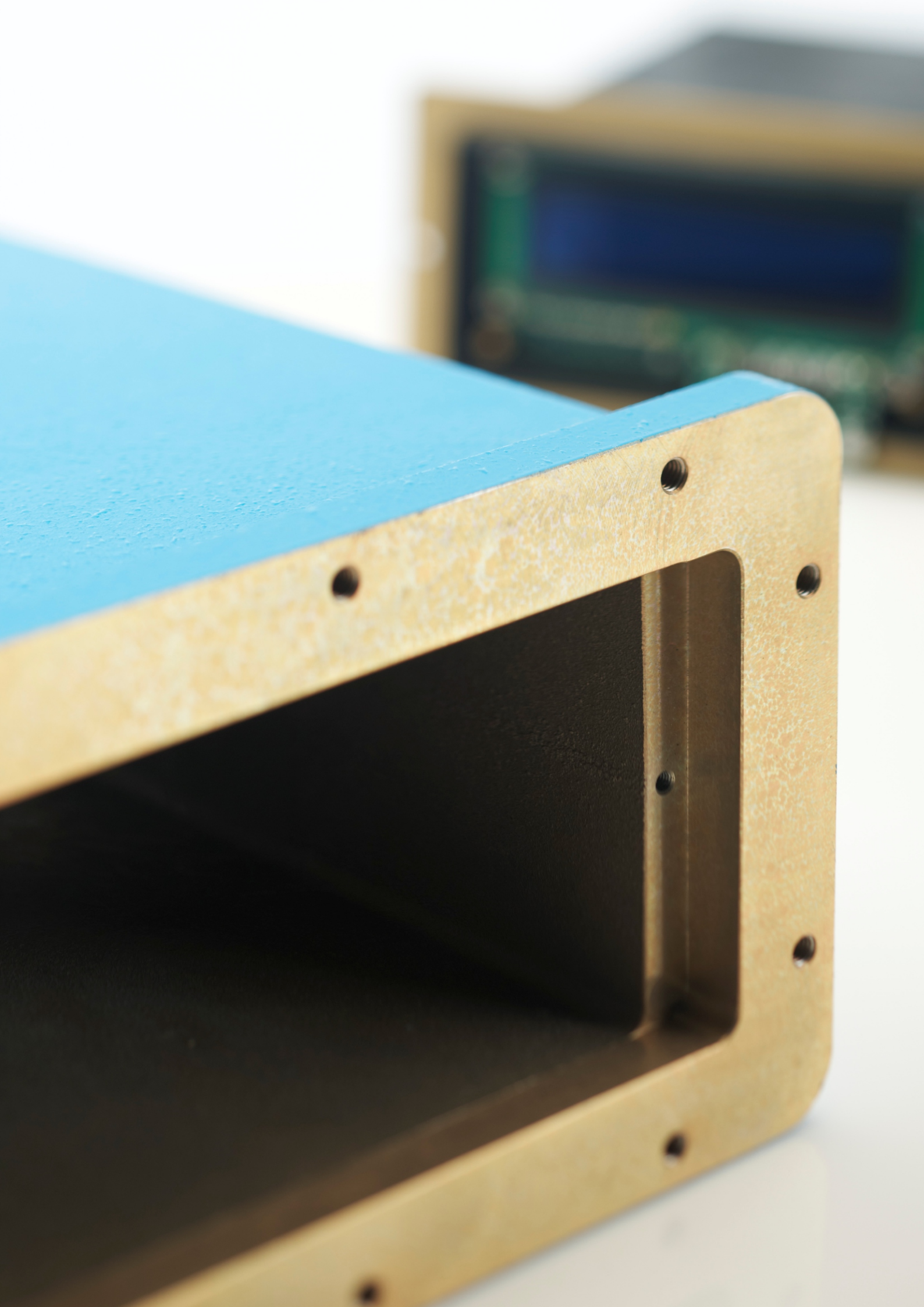


Multi-function indicator

SERIO - SG199





Multi-function indicator

SERIO - SG199



The new multi-function indicator SG199 is a natural evolution of our historical indicator Sg192, it has been completely redesigned using the latest technologies but always keeping the guid lines of easy utilization and high reliability.

It allows simultaneous display of the main physical quantities: level, volume, temperature and pressure, transmitted by the connected level transmitter: PULCE SG197 or MAG-O SG401. There is also the possibility to represent the other variables: interphase and density with configurable intervals.

Quick and easy installation, no configuration is required: just connect it to the level meter, turn it on and all data will be displayed.

It is equipped with a high-efficiency OLED display, which enables low power consumption and a high visibility in all environmental conditions.

Version for panel mounting in not classified area or in explosion proof custody for hazardous area.

Complete configuration without the need to open the cabinet, all operations are performed through the two outside buttons.

High energetic efficiency: only 3 Watts consumption: 80% less than our previous model.

Execution SERIO - SG199

Ex-d version

2 entrances $\frac{3}{4}$ " GK EN 60079-1

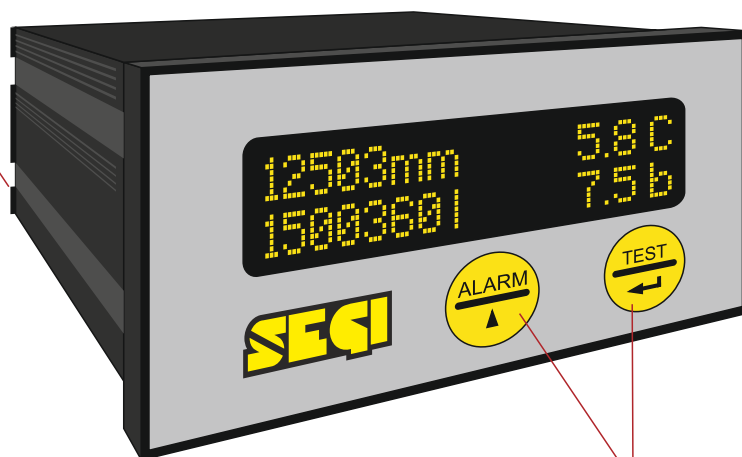
Display Oled high efficiency and brightness



External buttons for configuration and control

Panel mounting

Back terminal connection



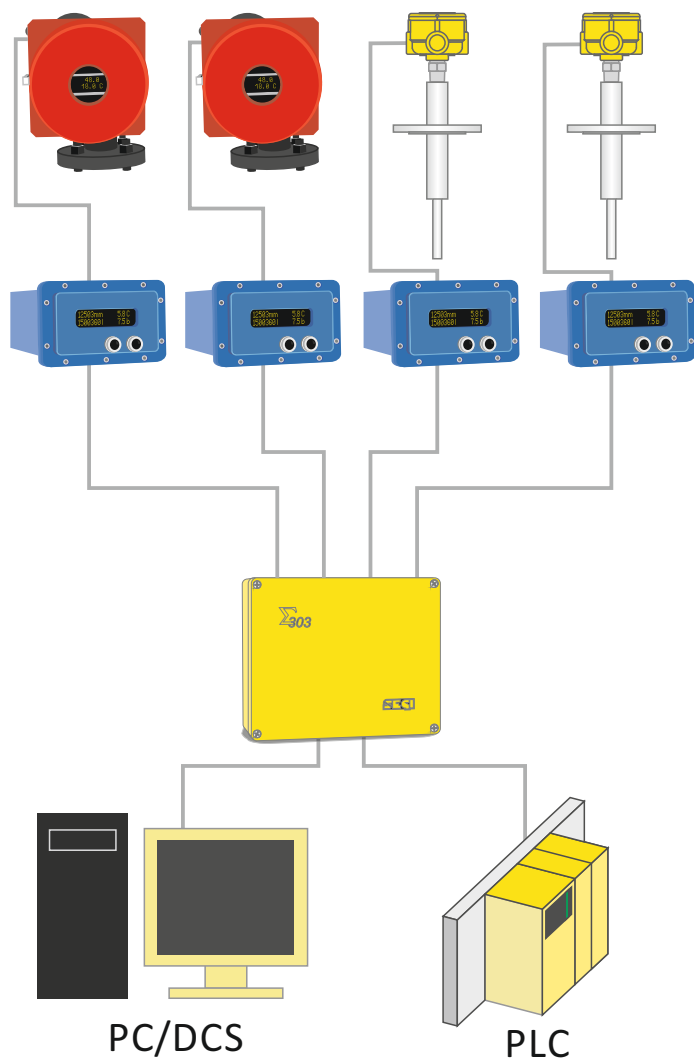
Capacitive touch buttons for configuration and control

Electrical connections

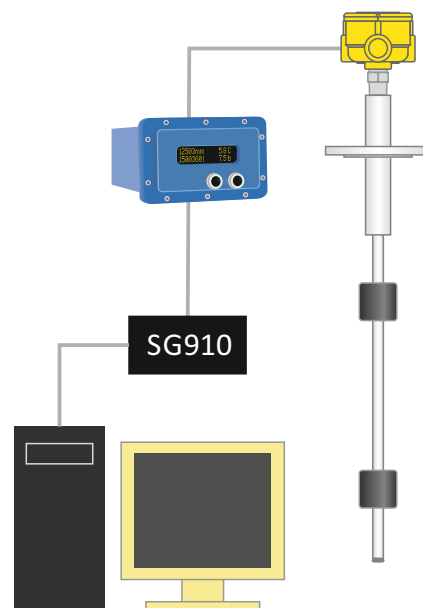
SERIO - SG199



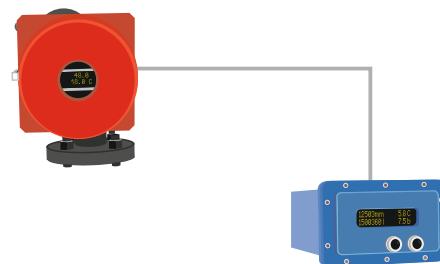
Connection with SEGI concentrators
also for hybrid structures and viewing
in field and control room



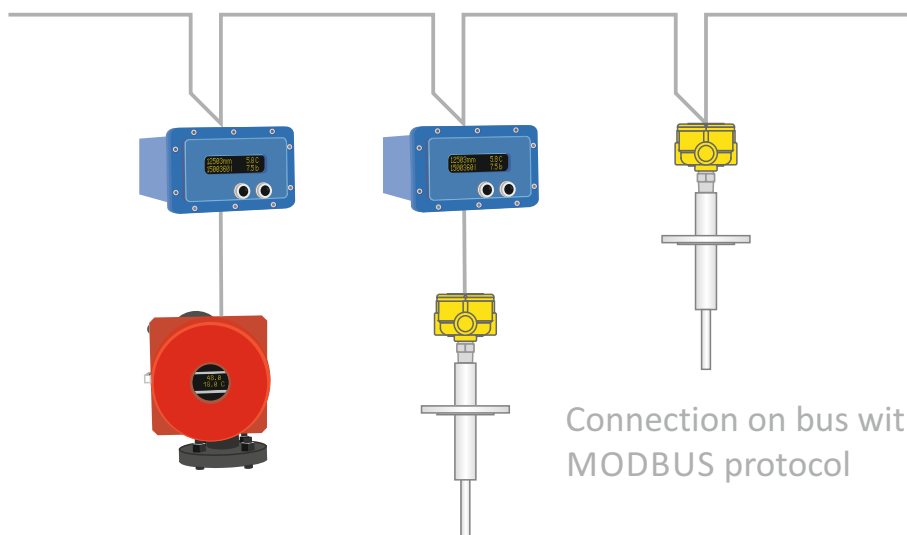
Direct connection to PC



Direct to Sg197 for on field visualization



Connection on bus with RS485
MODBUS protocol

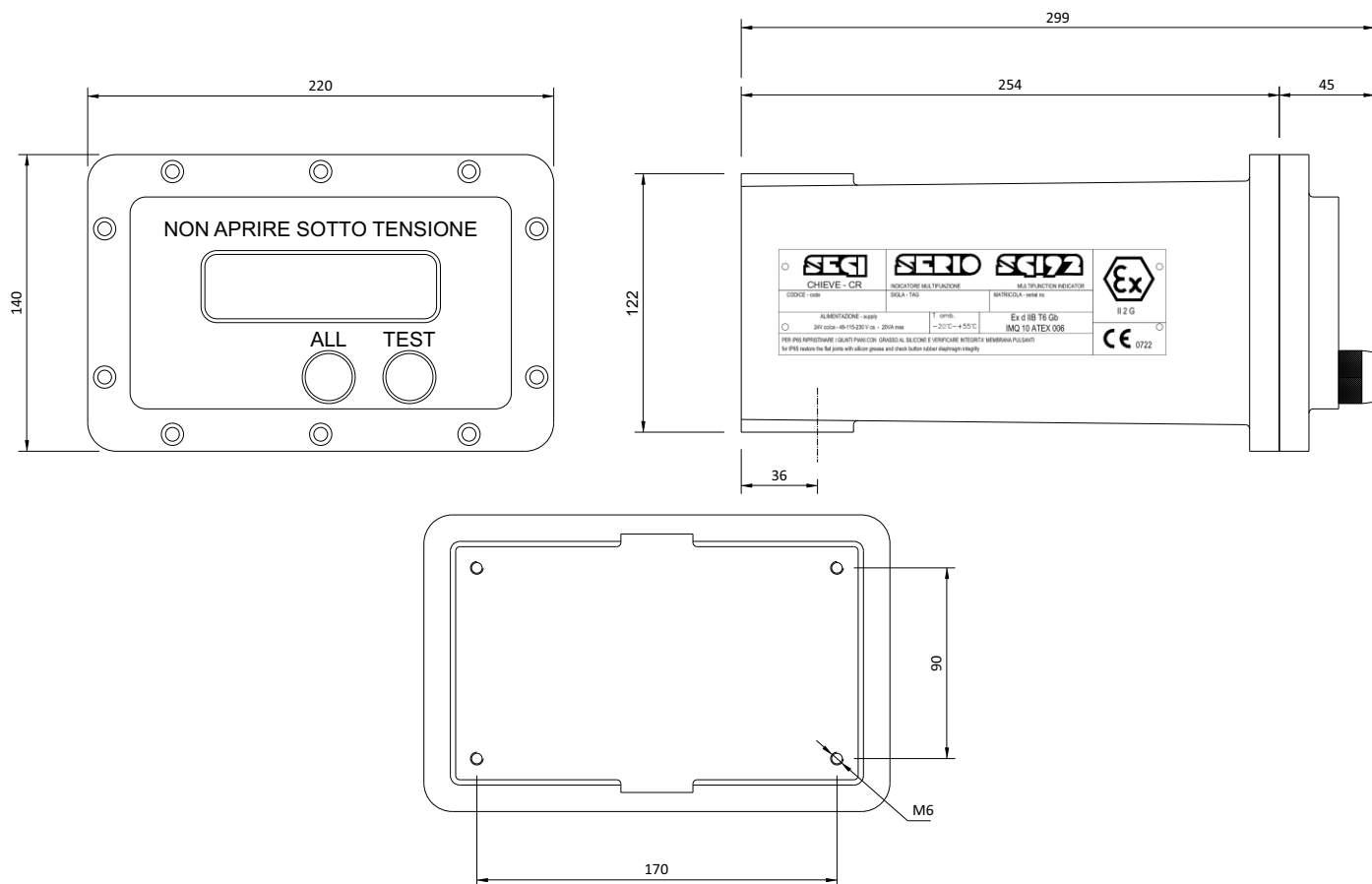


Dimensions

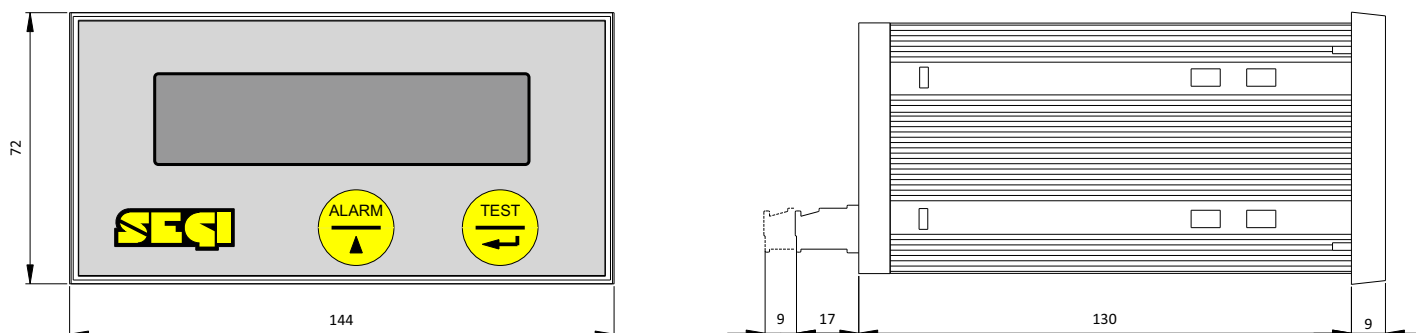
SERIO - SG199



Ex-d execution



Panel mounting



All dimensions are in millimeters

Main Technical Features

SERIO - SG199

Supply

Power supply:

48 ÷ 230 Vca, 47-63Hz max 3W

Insulation 1500V

Cable entry (Ex-d execution):

2 entrances ¾" GK EN 60079-1

Input/Output

Serial lines:

1 «Master» line with Segi protocol, current loop

1 «Slave» line with Segi protocol, current loop

1 Modbus slave line, RS485

Power supply output:

15Vcc max 1W

Relè:

2 freely configurable relay, max 48V 1A

User interface

Display:

OLED alphanumeric 16 characters x 2 lines, character height: 8mm

Controls:

Two outer buttons for alarms viewing, configuration and testing.

Ex-d execution

Material:

Cast aluminum silicon magnesium Mg GALSI 70.3

Protection:

IP65

Weight:

Panel mounting: 430g

Explosion-proof version: 10.5 Kg

Dimensions:

Panel mounting: 144 (l) x 72 (h) x 157 (d) mm

Ex-d execution: 220 (l) x 140 (h) x 282 (d) mm

Certificate

ATEX Marking:

II 2G Ex db IIB T6 Gb (certificate IMQ 10 ATEX 006) environment temperature -50...+55°C



www.segi-italia.com