

Temperature and Process DISPLAY 4 DIGITS (38mm high)

DIS38/4-PRO-0



★ High luminosity

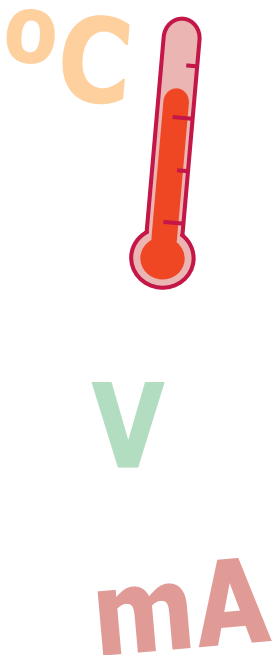
★ 4 Red digits 38mm

★ Process indication

-999/9999

Selectable decimal point

★ Inputs: Pt100, Ptc1K, (i) 4/20mA, (v) 0/10V, Thermocouples (J,K,S,T) digital probe (1W)



★ Outputs 4/20mA, 0/20mA, 0/10V, 2 relays

★ RS485 Modbus output

★ Watertight. IP65 protection

★ Programmable input and output ranges

★ 230VAC power supply (*optional 24VAC/DC)--- DIS38/4-PRO-24V-0



TECHNICAL CHARACTERISTICS

INPUT

TEMPERATURE

Pt100 (3 wires)
PTC 1K
Thermocouple (J,K,S,T)

PROCESS

i 0-4/20mA
 Active / Passive
 Excitement 12V/20mA

DIGITAL

1w (ONE WIRE)

v 0/10V

Input impedance 100K

ISOLATION

Input / Output / Power 1500V

ENVIRONMENTAL

Working temperature **-20/ +60°C**
 Storage temperature **-40/ +80°C**
 Warm-up time **5 minutes**
 Temperature coefficient **50ppm/°C**

FORMAT

Dimensions **180 x 200 x 93 mm**
Watertight protection. **IP65**
 Self-extinguishing **ABS** plastic, UL94V0
 Weight **950 gr**
 Internal connection **plug-in terminals**
 External connection **3 PG7, 1 PG9**

* optional plug-in connectors

POWER

AC DC

Nominal voltage **230VAC-DC**
 Power supply range **100.. 250VAC-DC**
 Maximum consumption **10VA**
 * optional 24VAC/DC power supply

8.8.8.8

DISPLAY

4 red digits 7 segments **High luminosity**
 Digit height **38mm**
 Visibility distance **30mts**
Anti-reflective methacrylate front
 Display range **-999/9999°C**

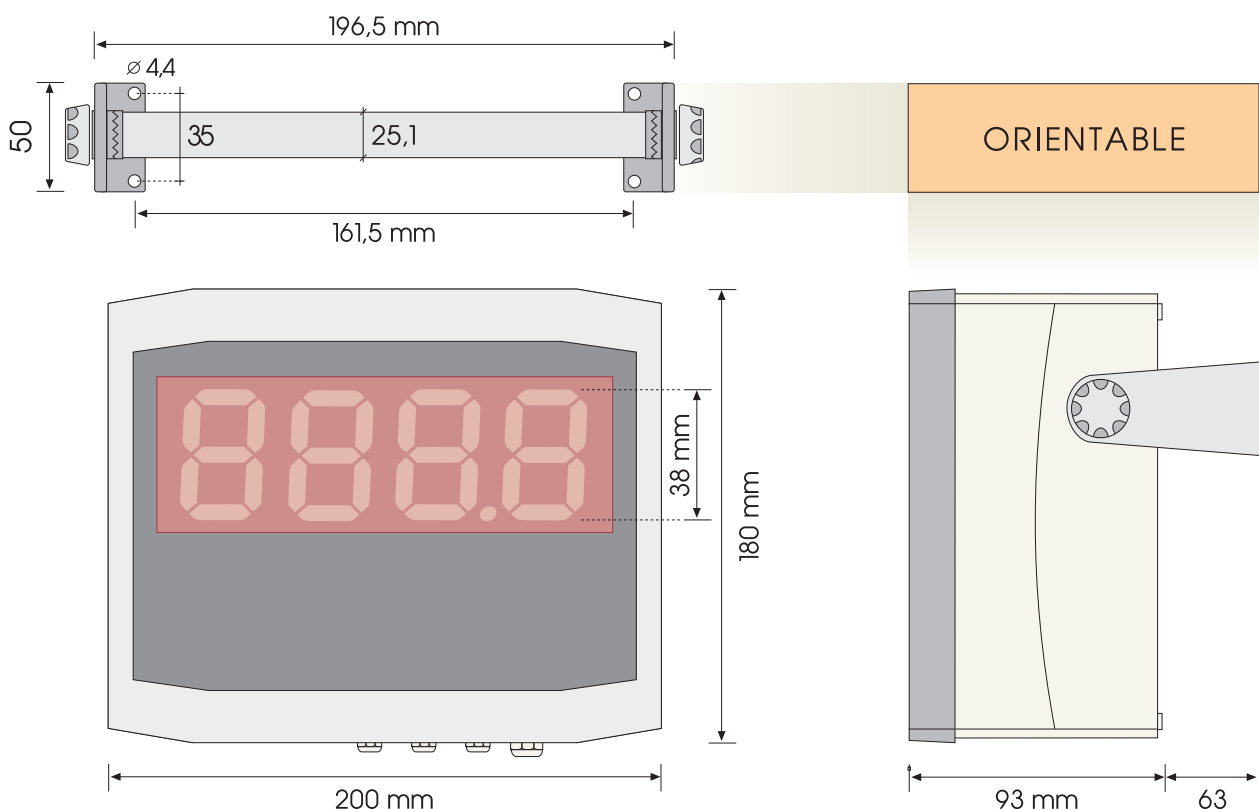
OUTPUT

0-4/20mA
 Maximum load capacity 500Ω
0/10V
 Maximum intensity 5mA
 Maximum load 20K
2 relés
RS485 Modbus

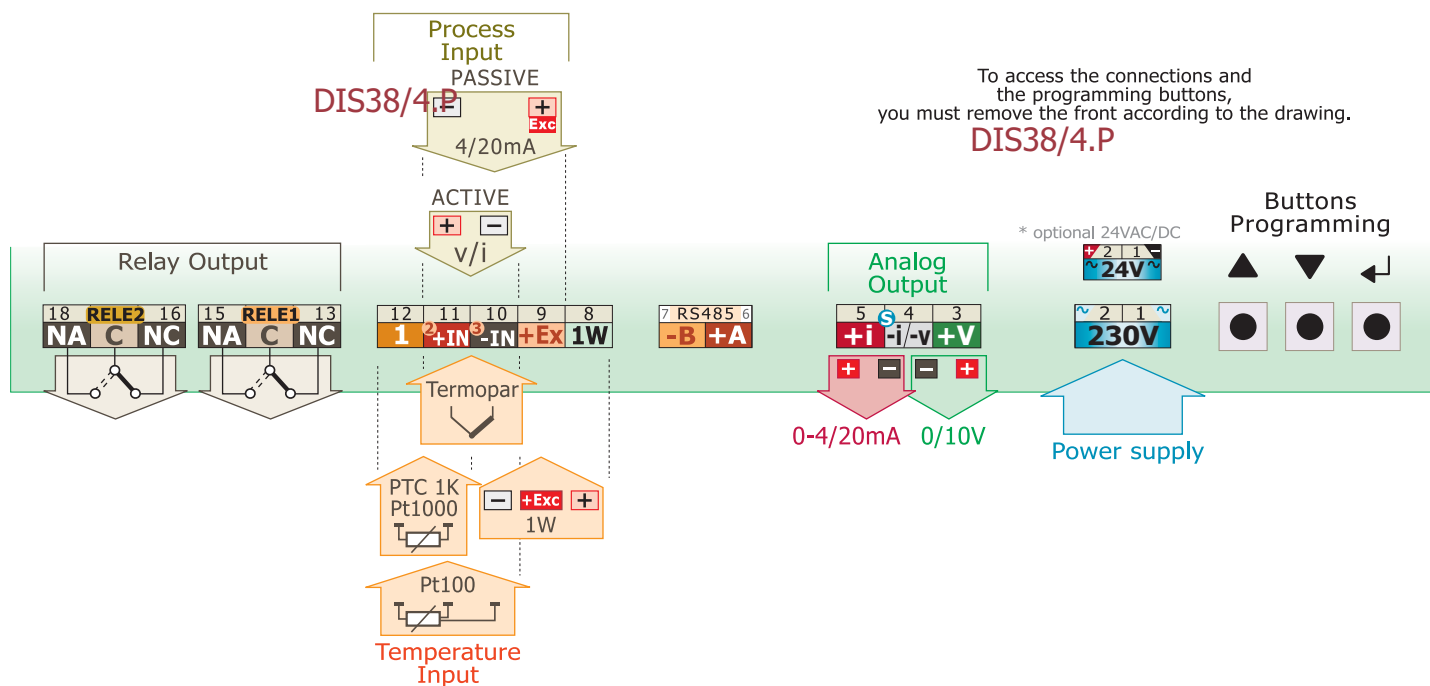
NORMATIVE



EMC 2014/30/EU (electromagnetic compatibility)
 DBT 2014/35/EU (low voltage directive) for industrial environments.
 Interference immunity according to EN 61000-6-2.
 Emission of interference according to EN 61000-6-3.
 Installation category II. Pollution degree 2 EN 61010-1.



CONNECTION



DISASSEMBLY PLAN



IP65 PROTECTION.
Lid with rubber seal.

To access the screws,
remove the caps
(by pressing them).
To remove them, insert
a small screwdriver into
the cap and pull.

