

TWO-COLOUR DIGITAL PANEL METERS

Digital input, ASCII or Modbus protocol

DP 1485

Two display versions are available:



Two-colour display,
red and green

- The DP 1485 allows the display, the control and the transmission of data from any measurable magnitudes via a digital data link RS485 (Protocole Modbus Jbus or ASCII).
- Complete programming of the display format from the front face keyboard.
Display format independent from the ASCII sequence: shaping by the instrument.
- Format of the data:
Modbus: 8 bits with / without parity, 1 start bit, 1 or 2 stop bits.
ASCII : 7 bits + parity, 1 start bit, 1 stop bit.



Two-colour display, red
and white

- Type of data: ASCII characters or real encoded in floating decimal point.
- Slave number programmable from 1 to 255.
- General sending authorized (number 0) (ASCII only).
- Programmable baud rates:
1200, 2400, 4800, 9600 and 19200 bauds.

Introduction

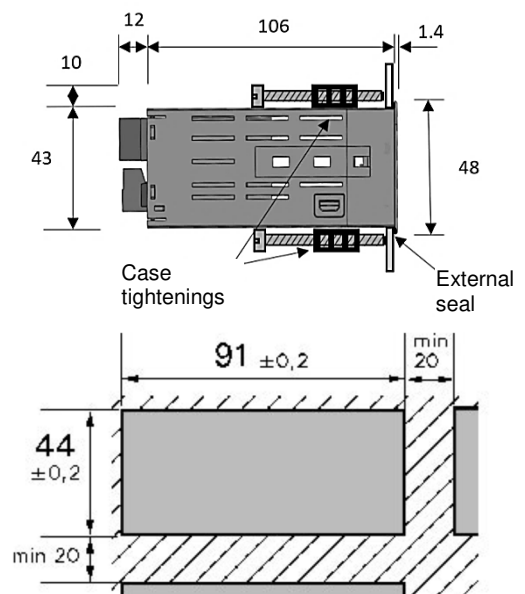
Easy programming on front face with a 5-key tactile keyboard.

- **Display:**
Electroluminescent red and green (or red and white)
Selection of the basic colour and the condition for colour change programmable.
-10000 / +100000 points
- **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
- **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

Dimensions

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



Mounting: on panel, cut out 43 x 91.2 mm

Technical features

◆ 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.
- Max. altitude: 2000m
- Weight: 150g (with terminals)

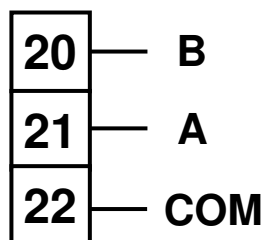
◆ Power supply

20 to 250 VAC 50/60Hz, and 20 to 250 VDC
Power consumption: 3 W max. 6 VA max.

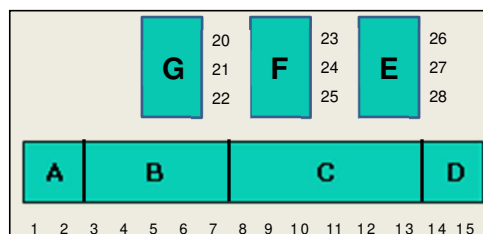
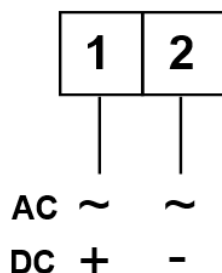
Connectings

DIGITAL INPUT

G



POWER SUPPLY A



Coding

◆ Type:

DP 1485

Protocol:

A: ASCII

M: MODBUS

Order example:

For a two-colour digital panel meter in Red/Green with Modbus protocol request the reference:

DP 1485-RG M

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



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