

DISP-PAXP

PROCESS PANEL METER

Universal panel meter for using with industrial normalized signal.

- Full compatible with industrial normalized signal 4.20 mA and 0..10 V and also with Sensy weighing, force and torque transducers with amplifier.
- Intuitive and easy programming
- High flexibility
- Many options



DISP-PAXP

Standard characteristics

Display	5 digits of 14,2 mm	
Input signals	4..20 mA or 0..10 V (*)	
Accuracy class	± 0,1 %	
Power supply	DISP-PAXP	from 85 up to 250 VAC (50 .. 60 Hz) (15 VA)
	DISP-PAXP24	24 VAC and from 10 up to 30 VDC
Front buttons	5 buttons at the front side for parameters programming and function activating (5 functions maximum) (*)	
Logic inputs	4 terminals at the rear side for function activating by using external potential free contacts. (3 functions maximum) (*)	
Temperature	Operating	from 0 up to 50°C (45°C if 3 option cards installed)
	Storage	from - 40 up to + 60 °C
Update rate	From 1 up to 20 measurements per second (*)	
Transducer's supply	24 VDC (50 mA max.)	
Protection	Front IP65 (rear IP20)	

Standard functions (non exhaustive list) (*)

Reset (tare)
 Maximum and minimum memories
 Linearization (16 points max.)
 Smart filter
 Totalization of several measurements
 Integration of the measure in function of the time
 Auto-zero tracking
 Protection Code

Options

CARD-CDS10	2 independent set-points activating each a form C relay (5A / 220 VAC or 24 VDC)
CARD-CDS20	4 independent set-points activating each a form A relay (3A / 220 VAC or 24 VDC)
CARD-CDL10	Analogue output 0..10 V, 0..20 mA or 4..20 mA (accuracy ± 0.17%) (*)
CARD-CDC10	RS-485 output
CARD-CDC20	RS-232C output
CARD-CDC30	Devicenet output
CARD-CDC40	Modbus output
CARD-CDC50	Profibus output
CARD-PAXUSB	USB output
PLAS-1/8DIN-RAIL	Mounting kit on Din rail
PLAS-1/8DIN-PLATE	Mounting kit on bottom plate
COVER-PAX	Transparent protecting cover (IP65)

(*) Configurable at user's level



CARD-CDC10

- RS485 field bus communication interface
- Available with crew terminals or DB9 connector



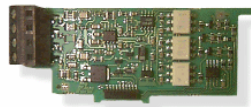
CARD-CDC20

- RS-232C half duplex communication interface
- Available with crew terminals or DB9 connector



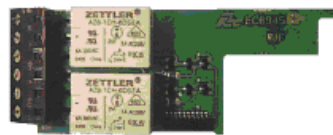
CARD-CDC50

- Profibus-DP (EN 50170) communication interface



CARD-CDL10

- Analog output signal: 0-20 mA, 4-20 mA, or 0-10 VDC (*)



CARD-CDS10 (already included in load limitation electronics) & CARD-CDS20

- 2 or 4 set-points activating each an independent relay



It is possible to install up to 3 different option cards in the same panel meter. These options have to be of different type.
 Ex. : CARD-CDS-20 + CARD-CDL10 + CARD-CDC20 is available
 CARD-CDS20 + CARD-CDS10 or CARD-CDC10 + CARD-CDC20 is not available

Full technical documentation available on request



DISPLAY

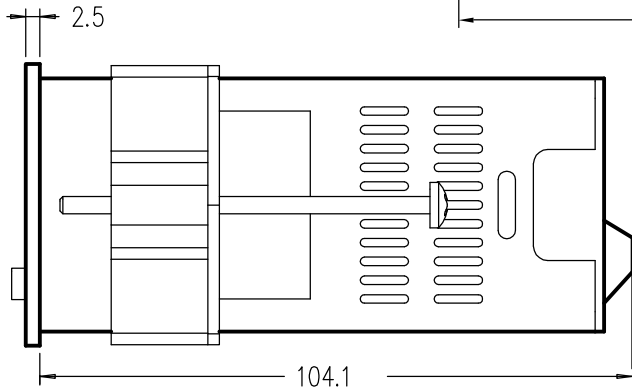
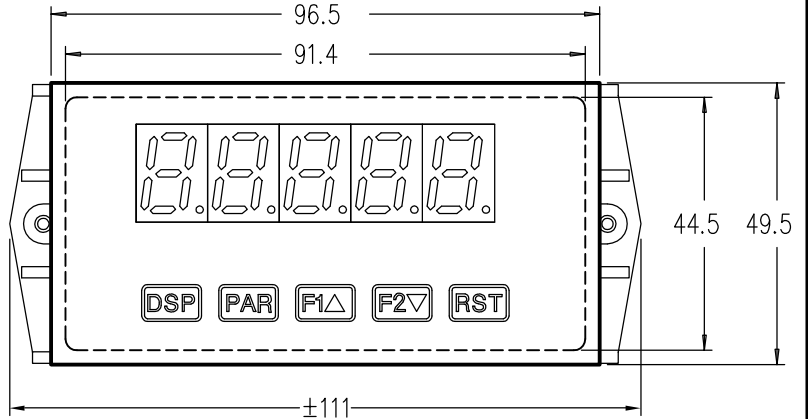
model DISP PAXP



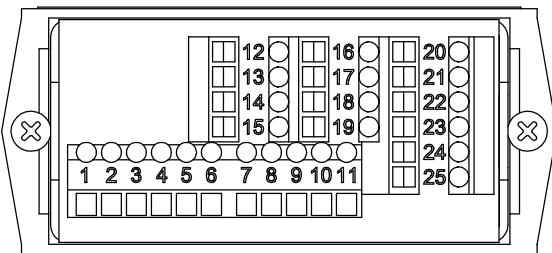
Power supply : 85 to 250 VAC / 24 VAC / 10-30 VDC IP54
 DISP PAXP : 85 to 250 VAC - Input 4-20 mA - 0/10 V - Ohms
 " " PAXP-24: 24 VAC - " "
 " " PAXP-DC: 10-30 VDC - " "

Options :

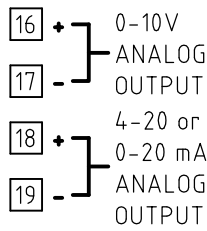
- CARD CDL10 = 4-20 mA / 0-10 V output
- CARD CDC20 = RS232 output
- CARD CDC10 = RS485 output
- CARD CDS20 = 4 Relays output
- CARD CDS10 = 2 Relays output
- F = Splashproof Cover IP 65



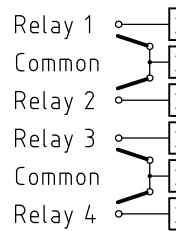
Note:
 recommended min. clearance (behind the panel) for mounting is depth 140 mm and height 53.4mm.
 Panel cut-out
 92mm (-0+0.8)
 45mm (-0+0.5)



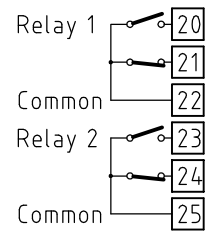
CARD CDL10



CARD CDS20



CARD CDS10



- 1 VAC or (+ DC)
- 2 VAC or (- DC)
- 3 + 10 V
- 4 + 20 mA.
- 5 - EXC.(Common)
- 6 + 24 VDC EXC.
- 7 USER Common
- 8 USER 1
- 9 USER 2
- 10 USER 3

