

## DISP-PAXDP

## DUAL INPUT DISPLAYS

Dual independent process input meters.



DISP-PAXDP + Option "COVER PAX"



### Features

- o A math function can be performed on both signals.
- o Any of the 3 meter values can have alarms, analogue output or comms by adding optional card.
- o Intuitive and easy programming (high flexibility)
- o Variable intensity display
- o 16 points scaling for linearisation
- o Programmable function keys/user inputs

### Available option(s)

- Analogue output 4 (0)...20 mA or 0...10 V
- 2 or 4 set-points with relay outputs
- RS-232, RS-485, USB or fieldbus capabilities
- NEMA 4X / IP67 (transparent protection cover - Option "COVER PAX")
- Desktop or industrial steel housing
- Rail DIN adaptor

### Application(s)

SENSY's DISP-PAXDP are perfectly designed for the following applications:

- Industrial weighing,
- Force or torque measurement,
- Mass flow measurement (weight\*speed).

### Function(s)

Reset (tare), maximum and minimum memories, smart filter, totalisation of several measurements, protection code, ...

Specifications	DISP-PAXDP	DISP-PAXDP24	
Type	Dual process input meter	Dual process input meter	-
Input range	2 x 20 mA (-26 to +26 mA) / 2 x 10 VDC (-13 to +13 VDC)****	2 x 20 mA (-26 to +26 mA) / 2 x 10 VDC (-13 to +13 VDC)****	-
Sensor excitation	18 VDC $\pm$ 20% @ 70 mA max. per input channel	18 VDC $\pm$ 20% @ 70 mA max. per input channel	-
Display	5 digits (14.2 mm)	5 digits (14.2 mm)	-
Accuracy	0.1	0.1	% F.S.*
A/D converter	16 bits	16 bits	-
Converter rate	Up to 20 readings /s	Up to 20 readings /s	-
Service temperature range	0...+50	0...+50	°C
Storage temperature range	-40...+60	-40...+60	°C
Power supply	85...250 VAC, 50/60 Hz (21 VA)	18...36 VDC (13 W), 24 VAC (16 VA)	-
IP rating	IP54***	IP54***	-

\*F.S. : Full Scale

\*\* : configurable at user level

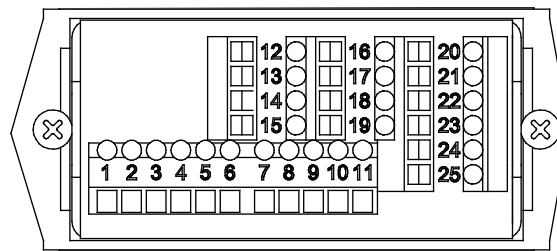
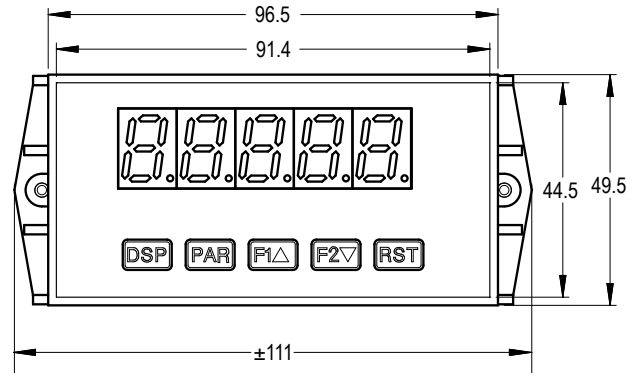
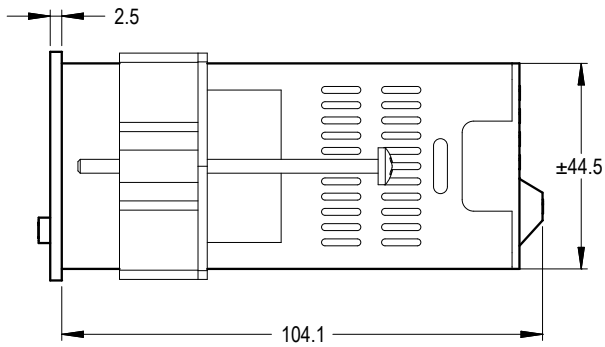
\*\*\* : IP rating only for front panel

Specifications subject to change without notice



ISO 9001 certified

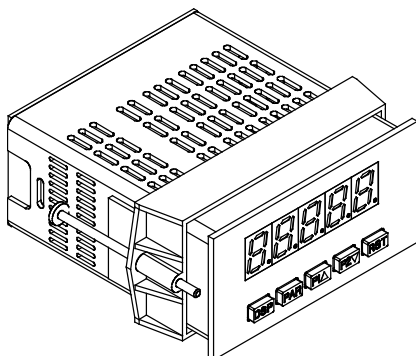
DISP-PAXDP > STANDARD DIMENSIONS



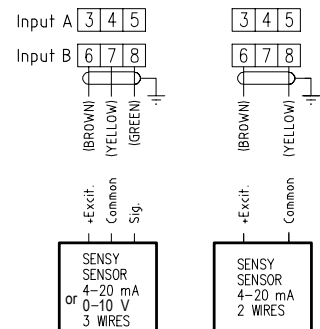
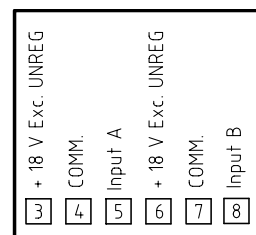
Note: recommended min. clearance (behind the panel) for mounting is 140 mm deep and 53.4 mm high. Panel cut-out 92 mm (-0+0.8) 45 mm (-0+0.5)

Dimensions in mm

Other view



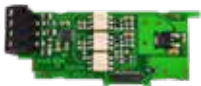
Terminals



# OPTIONAL CARDS

## Communication cards (max. 1 choice)

### CARD-CDC10

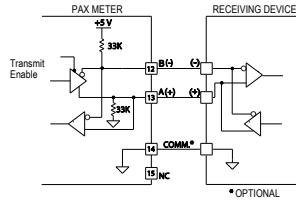


### CARD-CDC1C

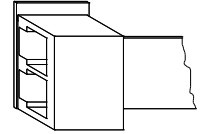
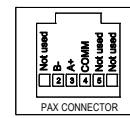


- RS-485 field bus communication interface

### CARD-CDC10



### CARD-CDC1C



### CARD-CDC20

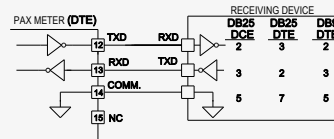


### CARD-CDC2C

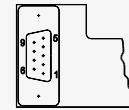


- RS-232 half-duplex communication interface  
Available with crew terminals or DB9 connector

### CARD-CDC20



### CARD-CDC2C



FEMALE  
PIN 2 TXD  
PIN 3 RXD  
PIN 5 COMMON

### CARD-CDC30



### CARD-CDC40



- DeviceNet communication interface
- Modbus communication interface

CARD-CDC40 is not necessary for models:

INDI-PAXS2 DISP-PAXx2  
INDI-BOYS2 DISP-BOYP2  
CRANE-BOYS2 CRANE-BOYP2  
CRANE-SUMD2 DISP-SUMD2  
DISP-PAXDP, DISP-BOYDP, CRANE-BOYDP

### CARD-CDC50 / CARD-CDC50-CRANE\*



- Profibus-DP (EN 50170) communication interface

\* As the CARD-CDC50 is too long for the housing of the CRANE-BOY, the CARD-CDC50-CRANE is supplied with a spacer to be insert between the front of the electronics and the housing.

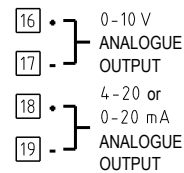
## Analogue output card

### CARD-CDL10



- Analogue output signal: 0-20 mA, 4-20 mA, 0-10 VDC

### CARD-CDL10



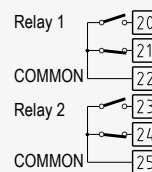
## Relay cards (max. 1 choice)

### CARD-CDS10 & CARD-CDS20

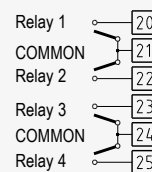


- 2 or 4 set-points activating each an independent relay

### CARD-CDS10



### CARD-CDS20



## Cards already included

- Analogue output card:

**CARD-CDL10**

- Relay card:

**CARD-CDS20 (4 set-points)**

- Models:

CABIN-2xB1SUMD; CABIN-4xB1SUMD

- Models:

INDI-BOY DISP-BOYP; CRANE-BOY CRANE-BOYP; DISP-BOYDP  
CRANE-BOYDP; CRANE-SUMD DISP-SUMD; CRANE-BOY-Exd;  
CABIN-2xB1SUMD; CABIN-4xB1SUMD.