

# INDI-PAXS DISP-PAX

## ANALOGUE INPUT PANEL METERS

Universal panel meters to be used with transducers and process signals



INDI-PAXS / DISP-PAX



### Features

- o Strain gauge, process, voltage and current inputs
- o Intuitive and easy programming (high flexibility)
- o 16 points scaling for linearisation
- o Programmable function keys/user inputs
- o Variable intensity display

### 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 / IP65 (transparent protection cover - Option "COVER PAX")
- Desktop or industrial steel housing
- Rail DIN adaptor

**Application(s)** SENSY's INDI-PAXS and DISP-PAX are perfectly designed for the following applications:

- Industrial weighing,
- Force or torque measurement,
- Remote display.

### Function(s)

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

Specifications	INDI-PAXS	INDI-PAXS24	DISP-PAXP	DISP-PAXP24	DISP-PAXD	
Type	Single strain gauge bridge input meter	Single strain gauge bridge input meter	Single process input meter	Single process input meter	Single voltage or current meter	-
Input range	$\pm 24$ mVDC / $\pm 240$ mVDC**	$\pm 24$ mVDC / $\pm 240$ mVDC**	20 mA (-2 to +26 mA) / 10 VDC (-1 to +13 VDC)**	20 mA (-2 to +26 mA) / 10 VDC (-1 to +13 VDC)**	$\pm 0.2$ mA, $\pm 2$ mA, $\pm 20$ mA, $\pm 200$ mA, $\pm 2$ A, $\pm 0.2$ VDC, $\pm 2$ VDC, $\pm 20$ VDC, $\pm 300$ VDC**	-
Sensor excitation	10 VDC @ 125 mA max***	10 VDC @ 125 mA max***	24 VDC $\pm 5\%$ @ 50 mA max.	24 VDC $\pm 5\%$ @ 50 mA max.	24 VDC $\pm 5\%$ @ 50 mA max.	-
Display	5 digits (14.2 mm)	5 digits (14.2 mm)	5 digits (14.2 mm)	5 digits (14.2 mm)	5 digits (14.2 mm)	-
Accuracy	0.1	0.1	0.1	0.1	0.1	% F.S.*
A/D converter	16 bits	16 bits	16 bits	16 bits	16 bits	-
Converter rate	Up to 20 readings/s	Up to 20 readings /s	Up to 20 readings /s	Up to 20 readings /s	Up to 20 readings /s	-
Service temperature range	0...+50	0...+50	0...+50	0...+50	0...+50	°C
Storage temperature range	-40...+60	-40...+60	-40...+60	-40...+60	-40...+60	°C
Power supply	85...250 VAC, 50/60 Hz (15 VA)	11...36 VDC (11 W), 24 VAC (15 VA)	85...250 VAC, 50/60 Hz (15 VA)	11...36 VDC (11 W), 24 VAC (15 VA)	85...250 VAC, 50/60 Hz (15 VA)*****	-
IP rating	IP54****	IP54****	IP54****	IP54****	IP54****	-

\* F.S. : Full Scale

\*\* : configurable at user level

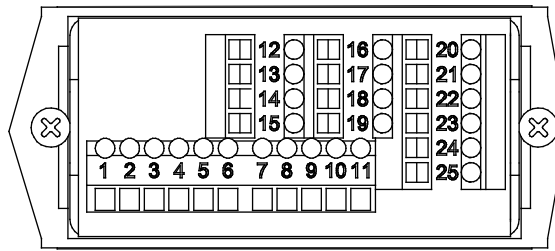
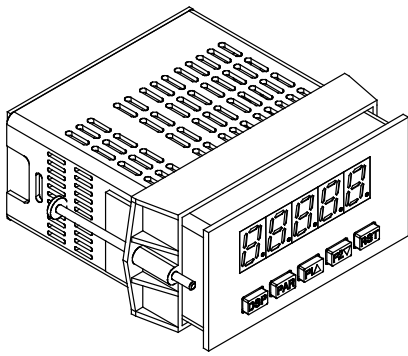
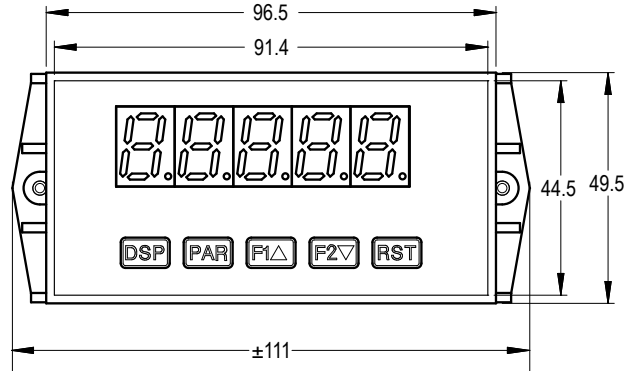
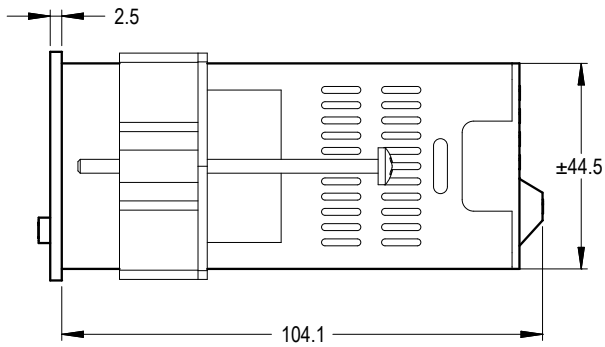
\*\*\* : 5 VDC @65 mA max (jumper selectable)

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

\*\*\*\*\* : also available in 11...36 VDC (11 W), 24 VAC (15 VA) - Ref. : DISP-PAXD24

Specifications subject to change without notice

INDI-PAXS DISP-PAX > STANDARD DIMENSIONS

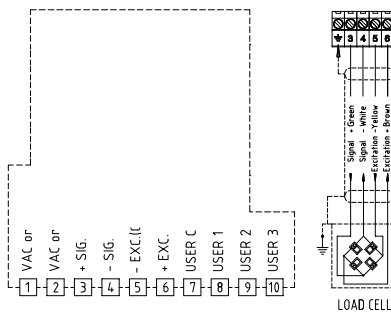


Note: recommended min. clearance (behind the panel) for mounting is 140 mm deep and 53.4 mm high. Panel cut-out 92 mm (-0+0.8) 45 mm (-0+0.5)

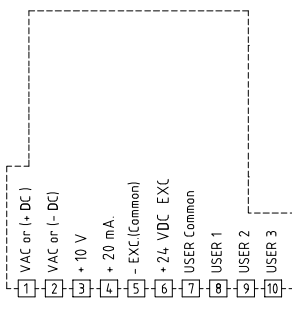
Dimensions in mm

Terminals

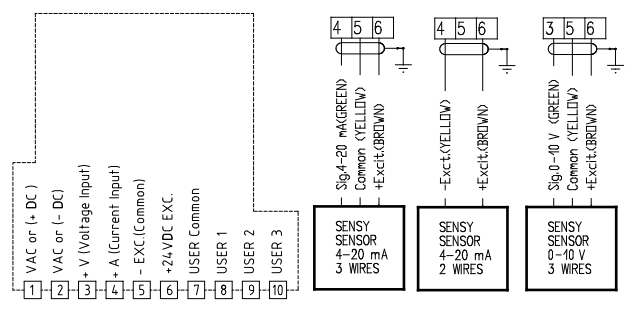
INDI-PAXS



DISP-PAXX



DISP-PAXD



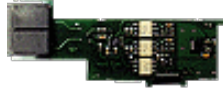
# OPTION CARDS

## Communication cards (max. 1 choice)

### CARD-CDC10

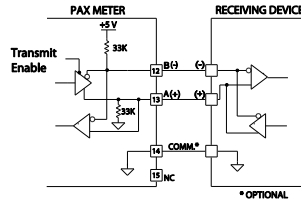


### CARD-CDC1C

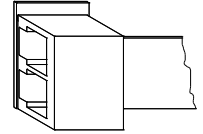
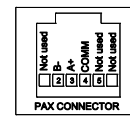


- RS-485 field bus communication interface  
Available with crew terminals or DB9 connector

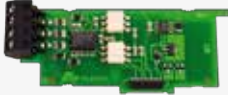
### CARD-CDC10



### CARD-CDC1C



### CARD-CDC20

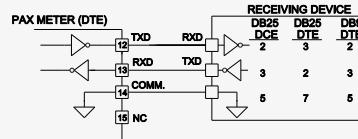


### CARD-CDC2C

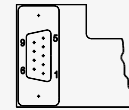


- RS-232 half-duplex communication interface  
Available with crew terminals or DB9 connector

### 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-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 inserted between the front of the electronics and the housing.

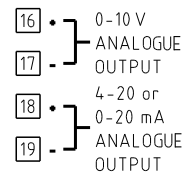
## Analogue output card

### CARD-CDL10



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

### CARD-CDL10



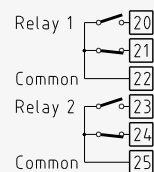
## Relay cards (max. 1 choice)

### CARD-CDS10 & CARD-CDS20

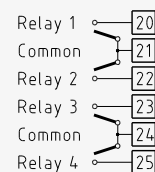


- 2 or 4 set-points activating each an independent relay

### CARD-CDS10



### CARD-CDS20



## Cards already included

- Analogue output card:  
**CARD-CDL10**

- Models:  
CABIN-2xB1SUMD; CABIN-4xB1SUMD

- Relay card:  
**CARD-CDS20 (4 set-points)**

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