

Dual Process Input Meter



PAX DP

The digital display unit PAX DP converts the analog output signal of **flow- and vent-captor** units into a digital value. The PAX DP has the capability to accept two, 0/4-20 mA or 0-10 VDC input signals which can be independently scaled and displayed.



- 5 digit display, 14 mm high, red LED
- Display setting: MIN/MAX/TOT/IST
- Up to 105 measurements per second / 16bit resolution
- 16 step linearisation
- Programmable by push buttons at the unit itself or by PC

Handling: The unit will be operated by 5 push buttons on the front panel. During the programming action it will be specified which displayed values and programmed data will be changeable or protected after activating the programming stop.

Totalizer: The signal totalizer can be used to compute a time - input product. This can be used to provide a readout of totalized flow. A time base and a factor provide a flexible unit.

Unit: An individual physical unit (for example: m³/h) can be positioned behind the front panel. If the unit sheet is transparent it will be illuminated by a background light.

Mechanical Data

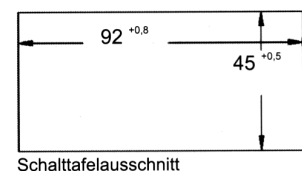
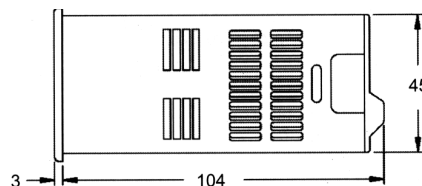
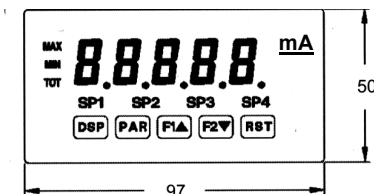
Material housing	robust plastic housing, dark red
Relative air humidity	max. 85%, no condensation
Operating temperature	0 - 50°C
Protection standard	IP 65 on to front panel

Electrical Data

Supply voltage	PAX DP010 (DC) 18-36 VDC PAX DP000 (AC) 85-250 VAC
Power consumption	(DC) 13W / (AC) 21 VA
Input signals	2 x 0-10V or 0/4-20 mA
Connection	backside terminal row

Additional Output Function Cards

PAXCDL10 / Analog output	output signal can be selected, 0 to 20 mA, 4 to 20 mA or 0 to 10 VDC output is galvanic isolated
PAXCDS40 / Transistor output	4 x PNP-OC transistors: max. 100 mA/30 V, galvanic isolated
PAXCDS10 / Relay output	2 x relay, single pole double throw contact 5A at 120/240 VAC



weber