

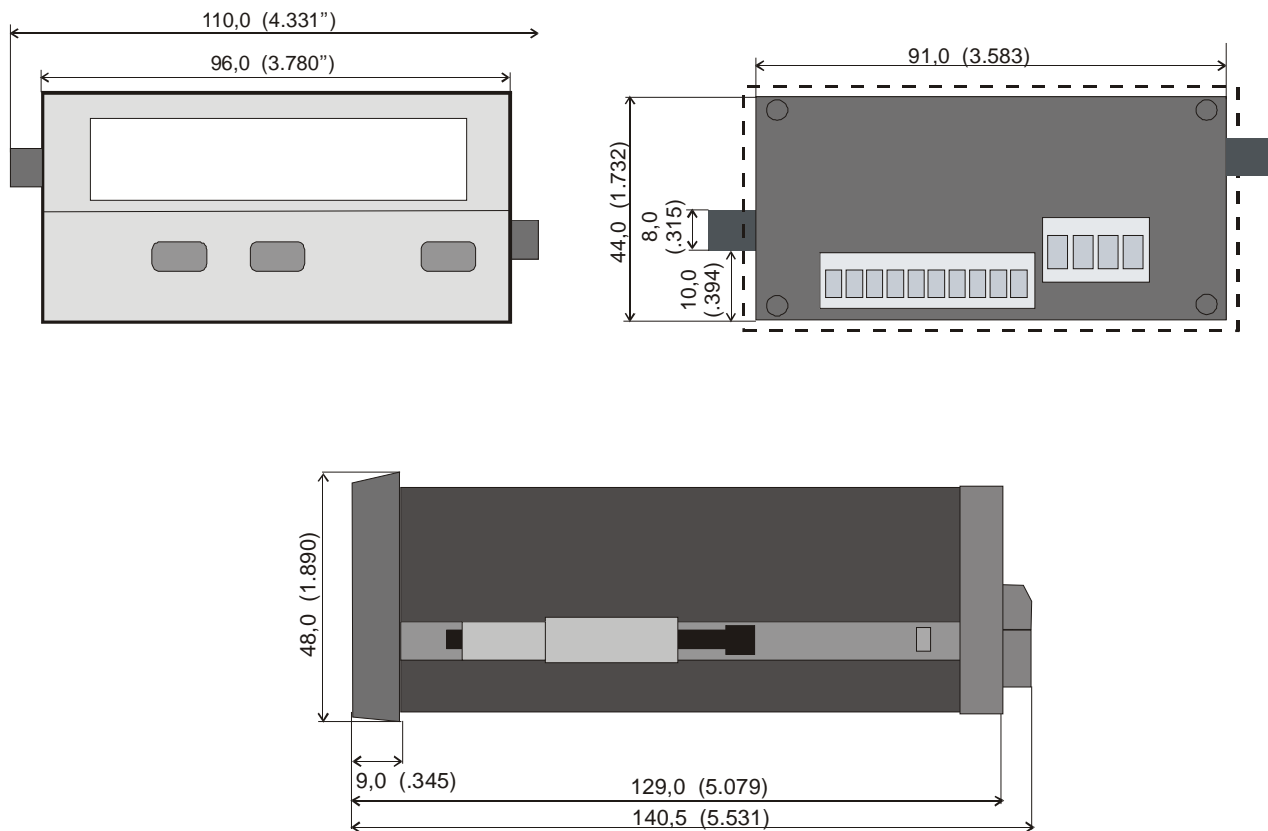
DEAX11564

**Process Indicator with 2 Analogue Inputs,
2 Presets, Relay Outputs and
Serial RS232 / RS485 Interface**



- Two analogue inputs with independent scaling, each $\pm 10\text{V}$ or $0/4 - 20\text{ mA}$
- Operating modes for display of input A or input B or the combinations $[A + B]$, $[A - B]$, $[A \times B]$ and $[A : B]$
- Useful supplementary functions like Tare function, programmable averaging functions, programmable linearization etc.
- Aux. output $24\text{ V DC} / 100\text{ mA}$ for sensor supply

1.1. Dimensions



Panel cut out: 91.2 x 44.8 mm (3.590 x 1.764")

1.2. Technical data

Power supply DC	: 24 V (17 – 30 V), approx. 100 mA (without aux. sensor supply)
DC current consumption (without sensors)	: 18 V : 110 mA, 24 V : 90 mA, 30 V : 80 mA
Aux. output for sensors	: 24 V DC, +/- 15%, 100 mA
Inputs	: 2 analogue inputs (+/-10 V, 0 ... +20 mA, 4 ... +20 mA)
Input impedance	: Current: Ri = 100 Ohms, Voltage: Ri = 30 kOhms
Resolution	: 14 bits (13 bits + sign)
Accuracy	: +/- 0.1%, +/- 1 digit
Relay outputs	: 2 relays (dry change-over each), 250 VAC / 1 A / 250 VA or 100 VDC / 1 A / 100 W
Serial interface	: RS 232 / RS 485, 600 (selectable) - 38 400 bauds
Ambient temperature	: Operation: 0° - 45° (32 – 113°F) Storage: -25° - +70° (-13 – 158°F)
Housing	: Norly UL94 – V-0
Display	: 6 decades LED, high-efficiency orange, 15 mm (0.590")
Protection class	: IP65 (front), IP20 (rear)
Screw terminals	: Signal lines max. 1.5 mm ² (.0023 sq in) Relays max. 2.5 mm ² (.0039 sq in)
Minimum update time	: 50 msec (display) : 60 msec (switching outputs)
Weight	: approx. 250 g (8.9 oz)
Conformity and standards	: EMC 2004/108/EC: EN 61000-6-2 EN 61000-6-3 LV 2006/95/EC: EN 61010-1