



- Multi-function unit for absolute SSI encoders
- Touchscreen and graphic display
- Full text menu for intuitive setup
- SSI input up to 32 bits
- Master or Slave operation
- 4 digital control outputs & serial interface (option)
- 16 bit analog output,  $\pm 10V$ , 4-20mA (option)
- 2 relays outputs (optional)



LD220

## FUNCTIONS

Absolute position indicator, master & slave mode, scaling, bit blanking, linearization (24 points)

## ENVIRONMENTAL SPECIFICATIONS

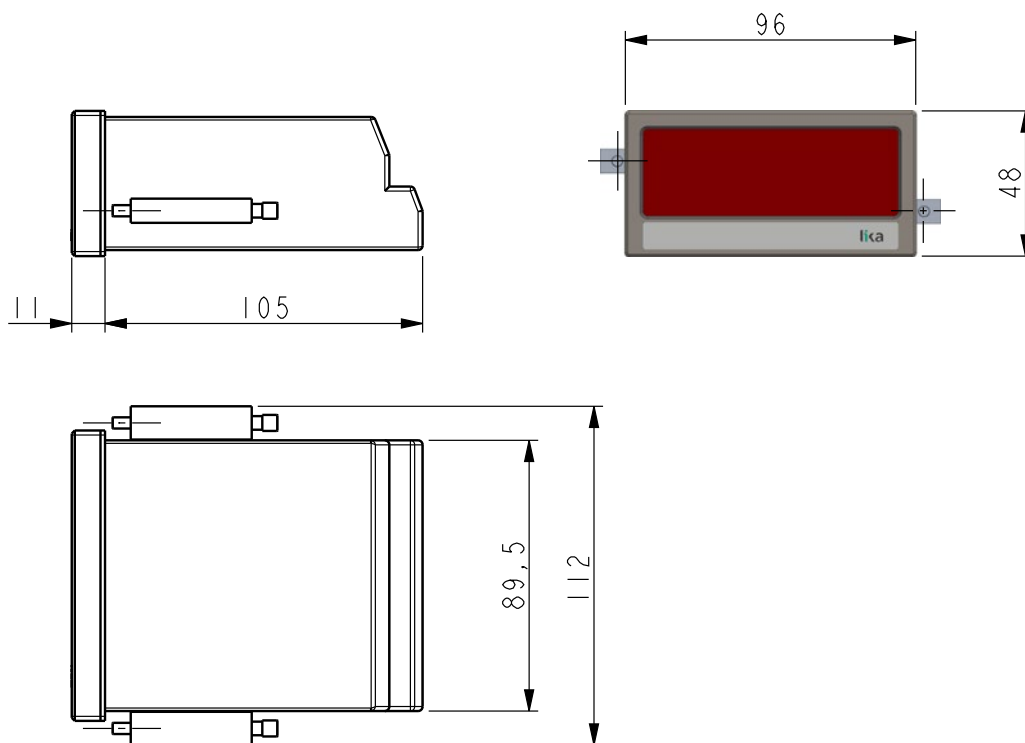
Operating temperature range:	-20°C +60°C (-4°F, +140°F)
Storage temperature range:	-25°C +70°C (-13°F, +158°F)
Protection:	IP65 front, IP20 back

## MECHANICAL SPECIFICATIONS

Dimensions:	96 x 48 x 116 mm <sup>3</sup>
Cut out:	91 x 43 mm <sup>2</sup>
Display:	LCD backlight, touchscreen 8 digits (-99999999 ÷ 99999999), 13 mm height switchable colour (red, green, yellow)

## ELECTRICAL SPECIFICATIONS

Power supply:	18Vdc +30Vdc 115 ÷ 230 Vac (option PM)
Consumption:	100 mA without sensor (3 VA with option PM)
Inputs:	SSI, 10 to 32 bit Binary or Gray coded clock freq. 1MHz
Control inputs:	3 x HTL, PNP, max. 10 kHz
Serial interface:	RS232, max 38400 baud (option AVI1, DO1) RS485, max 38400 baud (option AVI2, DO2)
Outputs:	4 digital outputs, PNP, 5÷30V max. 200 mA (option DO1, DO2) 2 relays outputs, potential free changeover, max. 250 Vac/150Vdc (option RO) 1 analogue output, 16 bit, $\pm 10V$ or 0/4-20 mA (option AVI1, AVI2)



LD220

Order code

LD220	-	XX Ⓐ	-	XXXX Ⓑ	-	XX Ⓒ
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Ⓐ POWER SUPPLY

P8 = +18 +30Vdc  
PM = 115 ÷ 230 Vac (option)

Ⓑ OUTPUT

- = no option  
AVI1 = ±10V/4-20mA output  
4 digital outputs  
RS232 interface  
AVI2 = ±10V/4-20mA output  
4 digital outputs  
RS485 interface  
DO1 = 4 digital outputs  
RS232 interface  
DO2 = 4 digital outputs  
RS485 interface

Ⓒ RELAIS OUTPUT

- = no option  
RO = 2 relays outputs