

Series

LD300
LD301 • LD302 • LD303 • LD305



- Multi-function display for incremental encoders
- Position display, tachometer, start/stop speed display event counter
- Digital or analogue outputs
- Multivoltage supply 24Vdc, 24/42Vac, 115/230Vac
- LD300 display
 - LD301 display with analogue output
 - LD302 preset display with digital outputs
 - LD303 display with serial interface
 - LD305 display with 2 relays output



LD300

FUNCTIONS

Counter/Position, Tachometer, Time display, Stop watch, Transition speed, Linearization of analogue output, Scaling factor

ENVIRONMENTAL SPECIFICATIONS

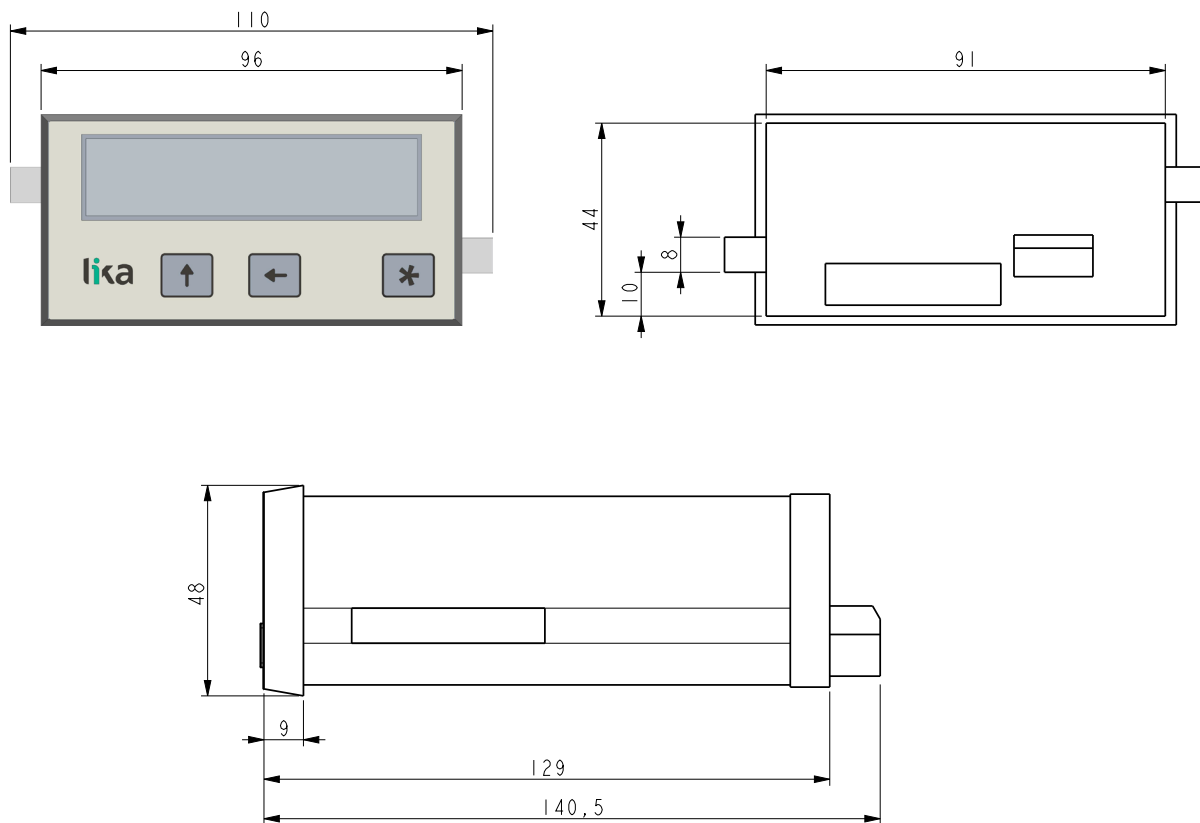
Operating temperature range:	0°C +45°C (+32°F, +113°F)
Storage temperature range:	-20°C +80°C (-4°F, +176°F)
Protection:	IP65 front, IP20 back

MECHANICAL SPECIFICATIONS

Dimensions:	96 x 48 x 141 mm ³
Cut out:	91 x 44 mm ²
Display:	LED, 6 digits x 15 mm (-199999 ÷ 999999)

ELECTRICAL SPECIFICATIONS

Power supply:	24Vdc ± 20%, 115/230 Vac 24Vdc ± 20%, 24/42 Vac
Consumption:	3,6 W max or 7,5 VA (without sensor)
Counting frequency:	100 kHz max. (counter mode) 25 kHz max. (other operating modes)
Sensor input:	PNP or NPN (HTL) TTL
Interface:	RS232/RS485 (LD303)
Outputs:	LD301: analogue 0/4-20 mA, 0 ± 10V LD302: digital PNP 2 x 30V - 150 mA LD305: 2 relays, serial RS232/485 interface



LD300

Order code

LD300	-	XX	-	XX
LD301		Ⓐ		Ⓑ
LD302				
LD303				
LD305				

Ⓐ POWER SUPPLY

PM = 24Vdc ±20%, 115/230 Vac
P4(*) = 24Vdc ±20%, 24/42 Vac

Ⓑ SENSOR INPUT

M1 = PNP, NPN (HTL)
M8 = TTL

(*) LD305 supply voltage only P4, +17Vdc +30Vdc