POSICONTROL

Multifunction display for incremental encoders

Series **LD350 • LD355**

- Multi-function unit for incremental encoders
- Position display, tachometer, counter, stopwatch or timer
- Touchscreen and graphic display
- Full text menu for intuitive setup
- Universal inputs (HTL, TTL, RS422) for NPN, PNP and Namur sensors
- 4 digital control outputs & serial interface (option)
- 16 bit analog output, ±10V, 4-20mA (option)
- 2 relays outputs (option)

LD350 • LD355

LD350: AB input

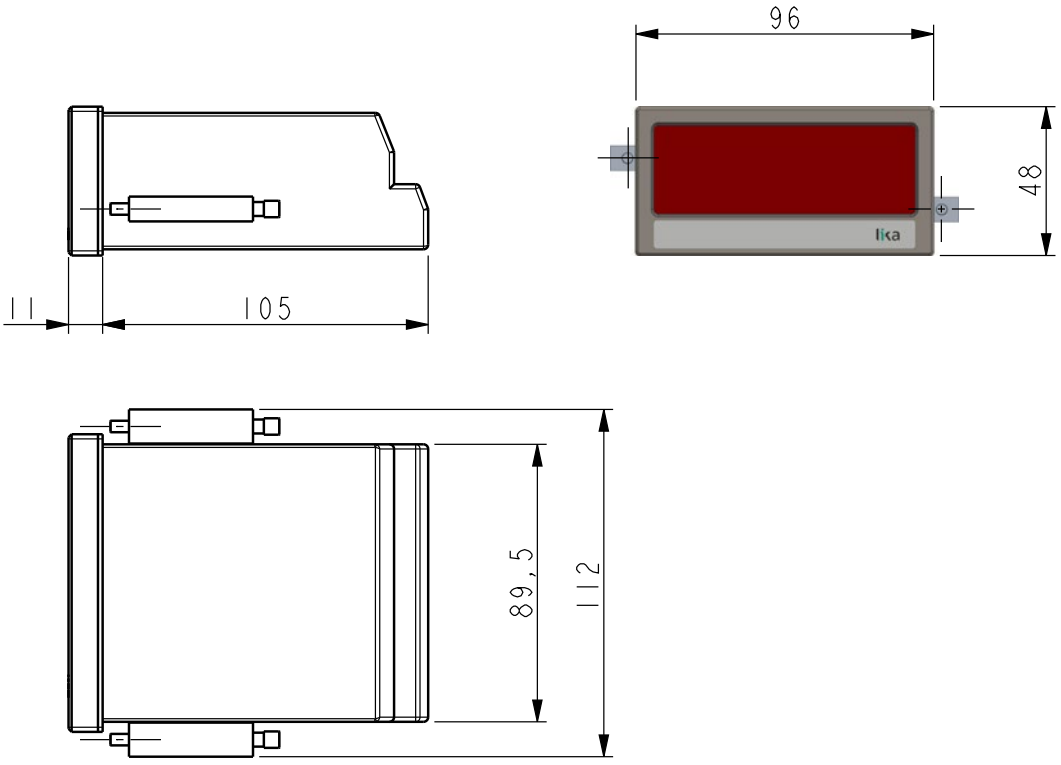
LD355: AB /AB input

FUNCTIONS
Position indicator, counter, time or stopwatch display, speed display, linearization function (24 points), filtering, start/stop suppression, scaling

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^3
Cut out:	91 x 43 mm^2
Display:	LCD backlight, touchscreen 8 digits (-99999999 ÷ 99999999) 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)
Counting frequency:	250 kHz max. (encoder inputs) 1 MHz max. in differential mode 10 kHz max. (control inputs)
Encoder inputs:	LD350: AB (2 x PNP, NPN, or Namur/HTL) LD355: AB /AB (4 x TTL, HTL, RS422, HTL diff.)
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, ± 10V or 0/4-20 mA (option AVI1, AVI2)



LD350 • LD355

Order code

LD350 LD355	-	XX ⓐ	-	XXXX ⓑ	-	XX ⓒ

ⓐ **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