

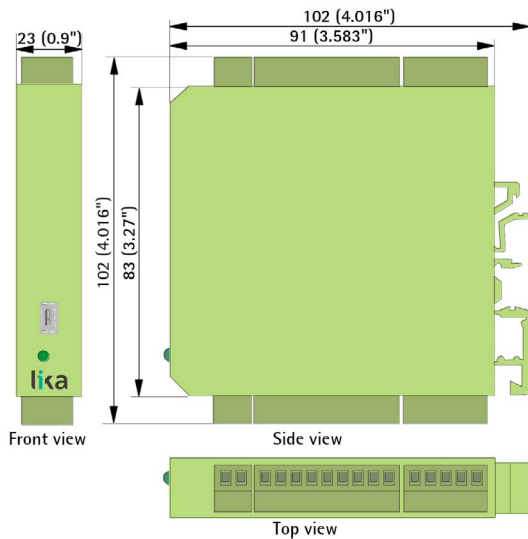
POSICONTROL

Signal converter for incremental encoders

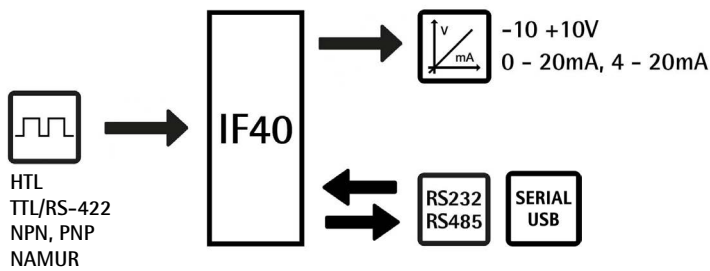
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Series

IF40



Order code: IF40



FUNCTIONS

- Parameter setting via RS232/RS485 interface
- Incremental to analogue conversion
- Scaling
- A + B linkage
- Linearization of output

ENVIRONMENTAL SPECIFICATIONS

Operating temperature range:	-20°C +60°C (-4°F +140°F)
Storage temperature range:	-25°C +75°C (-13°F +158°F)
MTBF:	59,1 years @60°C
Protection:	IP20

MECHANICAL SPECIFICATIONS

Dimensions:	see drawing
Mounting:	35 mm DIN rail
Electrical connections:	screw terminals, 1.5 mm ² / AWG 16
Weight:	~ 100 g

ELECTRICAL SPECIFICATIONS

Power supply:	+18Vdc +30Vdc
Consumption:	50 mA max. (without sensor)
Sensor input:	AB /AB RS422, TTL, HTL, NPN, PNP, NAMUR
Counting frequency:	RS422 differential 1 MHz max. HTL differential 500 kHz max. others 250 kHz
Serial interface:	RS232, RS485, mini-USB
Analogue outputs:	±10V (max. 2mA), 0/4÷20 mA (max. 270 Ω), resolution 16 bit, cycle time 1ms
Digital outputs:	6 x 5÷30Vdc, PNP (200 mA max.)

ACCESSORIES

EC-USB/RS232:	USB / RS-232 programming cable
OS 6.0:	set-up software (freeware)