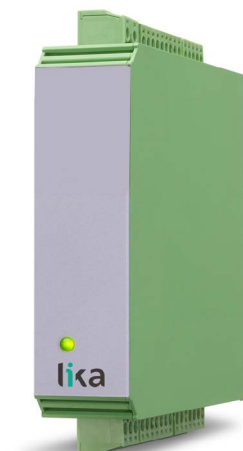
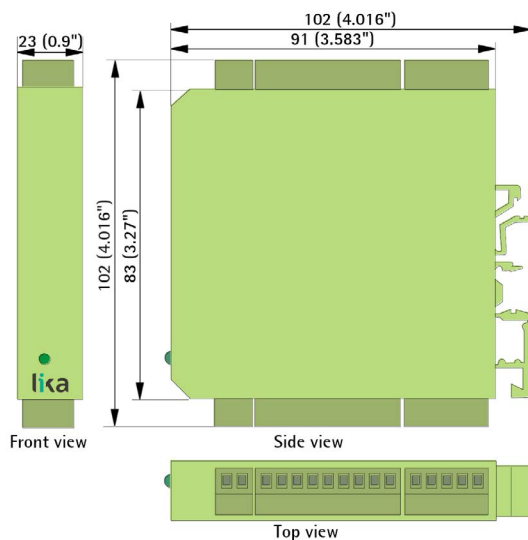
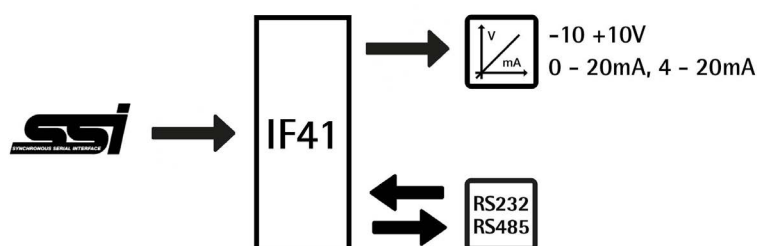


Series

IF41



Order code: IF41



FUNCTIONS

- Parameter setting via RS232/RS485 interface
- SSI to analogue conversion
- Master or slave operation
- Scaling and bit suppression
- Round loop function
- Linearization of output

ENVIRONMENTAL SPECIFICATIONS

Operating temperature range:	-20°C $+60^{\circ}\text{C}$ (-4°F $+140^{\circ}\text{F}$)
Storage temperature range:	-25°C $+75^{\circ}\text{C}$ (-13°F $+158^{\circ}\text{F}$)
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:	$+18 \text{ Vdc}$ $+30 \text{ Vdc}$
Consumption:	50 mA max. (without sensor)
Sensor input:	any SSI protocol: 10 to 32 bit, binary or gray coded, clock max. 1MHz
Clock output:	differential (acc. to RS422), max. 1 MHz
Serial interface:	RS232, RS485
Analogue outputs:	$\pm 10 \text{ V}$ (max. 2mA), $0/4 \div 20 \text{ mA}$ (max. 270 Ω), resolution 16 bit, cycle time 1ms
Digital outputs:	6 x $5 \div 30 \text{ Vdc}$, PNP (200 mA max.)

ACCESSORIES

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