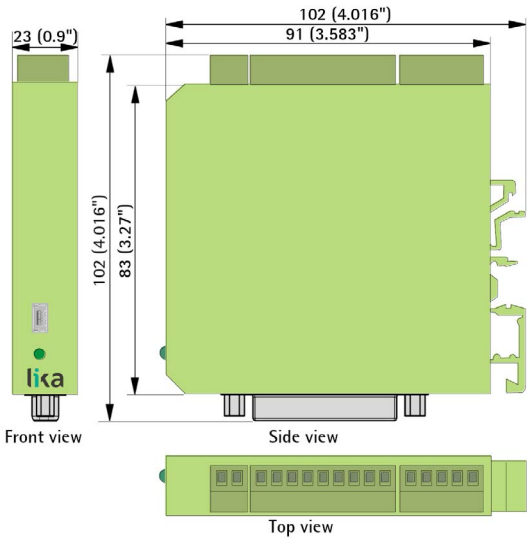
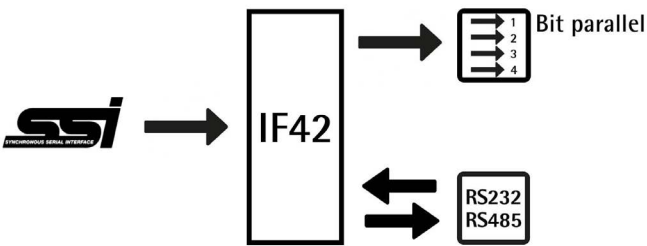


Series

IF42



Order code: IF42



FUNCTIONS	
• Parameter setting via RS232/RS485 interface	• Scaling and bit suppression
• SSI to bit parallel and USB conversion	• Round loop function
• Master or slave operation	• 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 mm² / AWG 16
Weight:	~ 100 g

ELECTRICAL SPECIFICATIONS	
Power supply:	+18Vdc +30Vdc
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
Bit parallel output:	25 x push-pull (short circuit proof)
Control inputs:	3 x HTL

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