

POSICONTROL

Displays & Interfaces

Product range

lika

A comprehensive range of products, designed and manufactured from one hand.



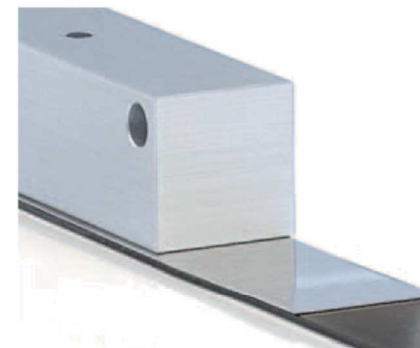
ROTAPULS
Incremental rotary encoders



ROTACOD
Absolute rotary & Fieldbus encoders



ROTAMAG
Rotary Magnetic encoder &
Encoder modules



LINEPULS - LINECOD
Linear Absolute & Incremental encoders



DRAW-WIRE
Draw-wire encoders & potentiometers



POSICONTROL
Displays & Signal converters
Encoder Interfaces



DRIVECOD
Rotary Actuators & Positioning units



COUPLINGS
Flexible & Transmission couplings

Displays for Magnetic Sensors

lika



LED or LCD

display

Up to 6 digits

Panel or OEM

versions

Linear/Angular

measurement

Quasi absolute

with battery or
backup voltage

Mm/inch

display modes

0,01mm

max resolution

+/- 1 digit

repeat precision

+/-0,05mm

accuracy

2mm

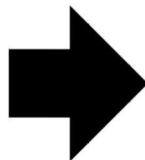
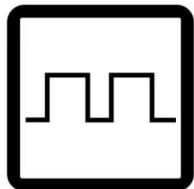
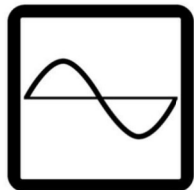
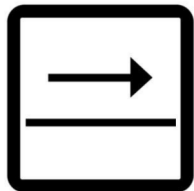
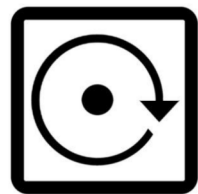
max gap

Overview

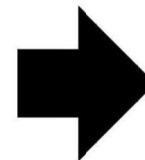
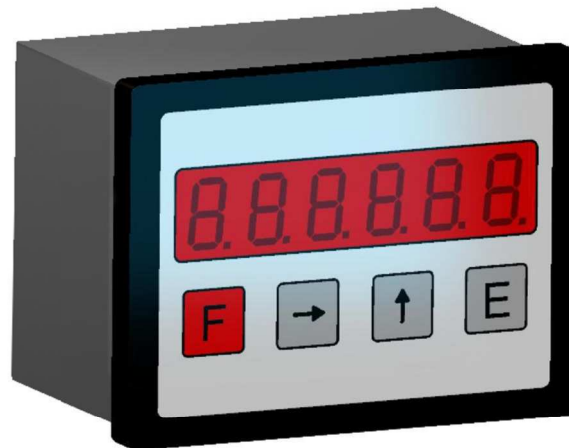
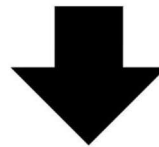
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	LD120	LD112	LD111	LD140-LD142	LD141
Display	LED / 5 digits	LCD / 6 digits	LCD / 6 digits	LCD / 6 digits	LCD / 6 digits
Dimensions [mm]	72 x 36 x 62	72 x 48 x 31	61 x 39 x 23	96 x 72 x 47	87 x 60,5 x 47
Power Supply	10-30Vdc	Battery (2xAAA)	Battery (2xAAA)	Battery (1xC)	Battery (1xC)
Interface (opt)	RS485	-	-	RS232	RS232
Sensor head	SM5	✓	✓	SM25 - ✓	✓
Magnetic scale	MT50	MT25	MT25	MT25	MT25
Max Gap [mm]	2mm	1mm	1mm	1mm	1mm



Battery or power supply
10÷30Vdc, 24÷42Vac, 115Vac, 230Vac



Position indicator

Counter

Totaliser

Event transmitter

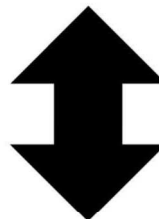
Timer

Stopwatch

Tachometer

Rate meter

Frequency meter



RS232 / RS485

Overview

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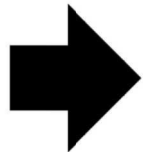
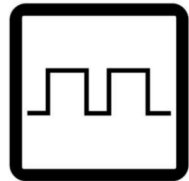
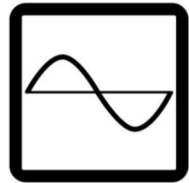
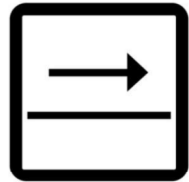
	LD200	LD250-1-2-3	LD300-1-2-3
Display	LED / 8 digits	LED / 6 digits	LCD / 6 digits
Dimensions [mm]	96 x 48 x 49	96 x 48 x 141	96 x 48 x 141
Power Supply	24Vdc	24Vdc, 115/230Vac	24Vdc, 115/230Vac
Interface	RS232	RS232/RS485 (LD253)	RS232/RS485 (LD303)
Sensor input	HTL / TTL / 1Vpp / SSI / SM5/SM2	SSI	HTL / TTL
Counting frequency	1MHz (incr.) 6kHz (sincos)	Clock 0,1-1MHz	100kHz
Functions	Position (linear/angular), Limit switches	Position, Linearization	Tachometer/freq. meter, Processing Time, Timer, Counter/position, Speed, Linearization
I/O	O: 3x digital	I: 3x digital (LD252) O: 1x analog (LD251) 2x digital (LD252)	O: 1x analog (LD301) 2x digital (LD302)

Overview

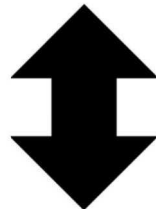
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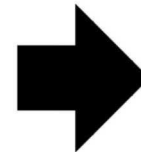
	MC111	MC150	MC221
Display	LED / 6 digits	LED / 6 digits	LCD / 2x6 digits
Dimensions [mm]	96 x 72 x 60	96 x 72x 77	96 x 96 x 72
Power Supply	24Vdc	24Vdc/115Vac/230Vac	24Vdc
Interface (opt)	-	RS232	RS232
Sensor input	HTL / TTL 2x analog	SSI	HTL / TTL
Counting frequency	30kHz	1MHz	500kHz
Functions	Position (linear/angular)	Position (linear/angular)	Position (linear/angular)
I/O	O: 2x digital (opt)	I: reset, preset, freeze O: 2x digital (opt) 2x relays (opt)	I: reset, preset, freeze O: 2x digital (opt)



+5 ÷ 30 Vdc



RS232 / RS485



Signal distributor / splitter

Signal level converter

Signal level repeater

Cross switcher

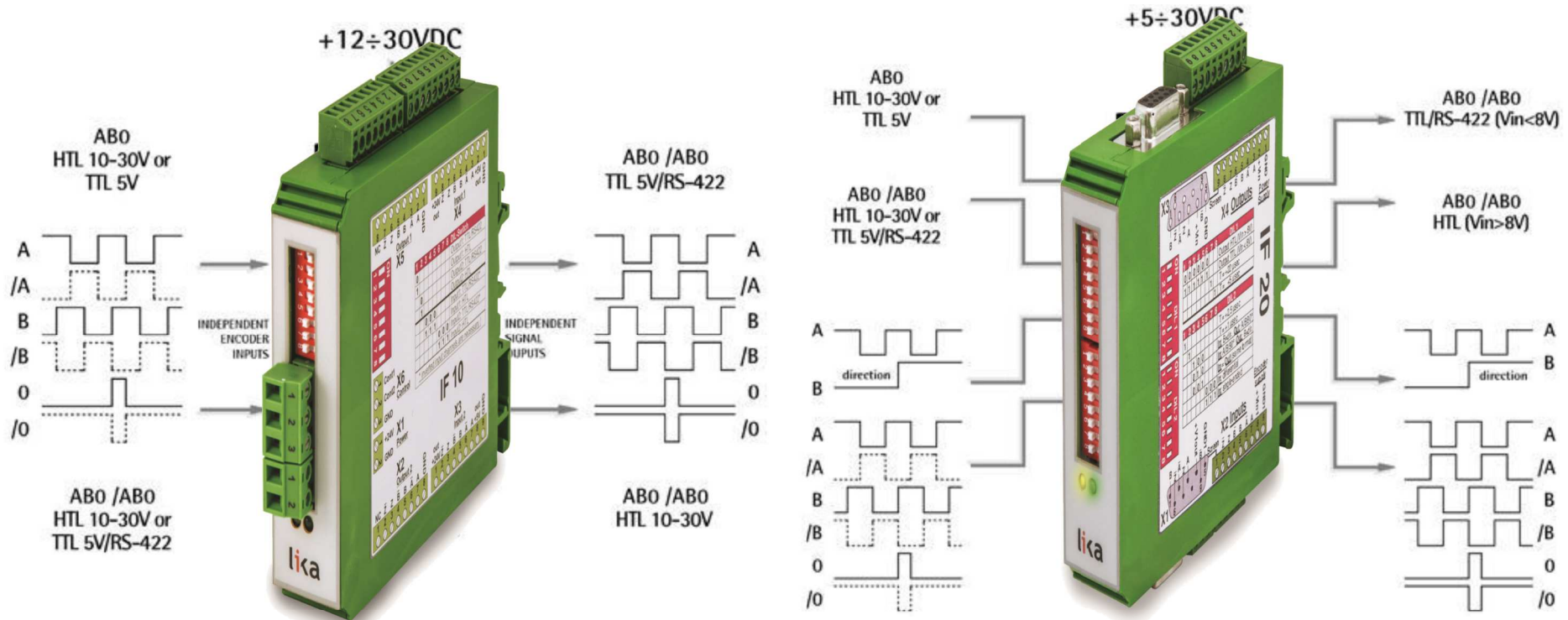
Potential separator

Interpolator

Digital-to-analog/serial converter

SSI-to-analog/serial converter

SSI-to-parallel/serial converter

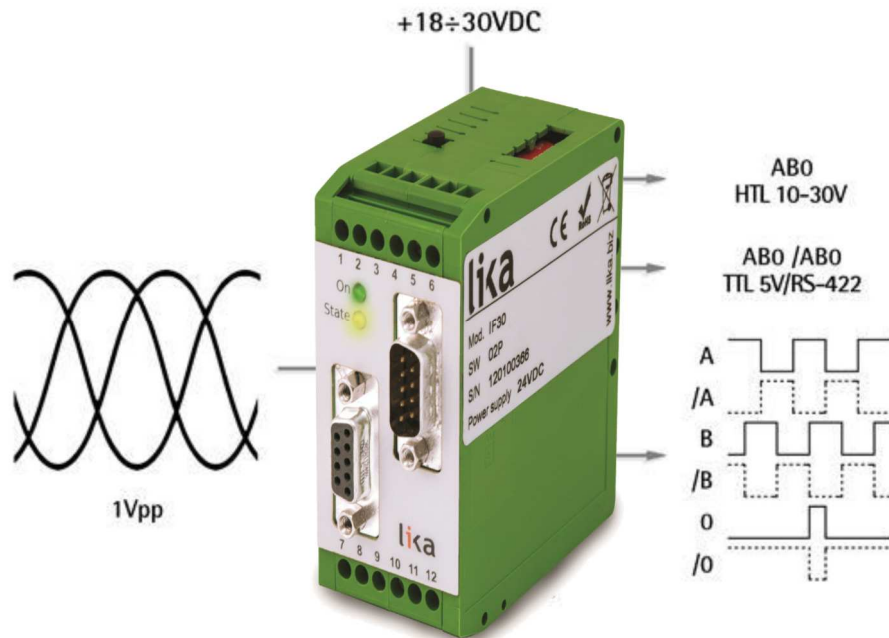


IF10

Splitter
Converter
Repeater
Cross Switcher

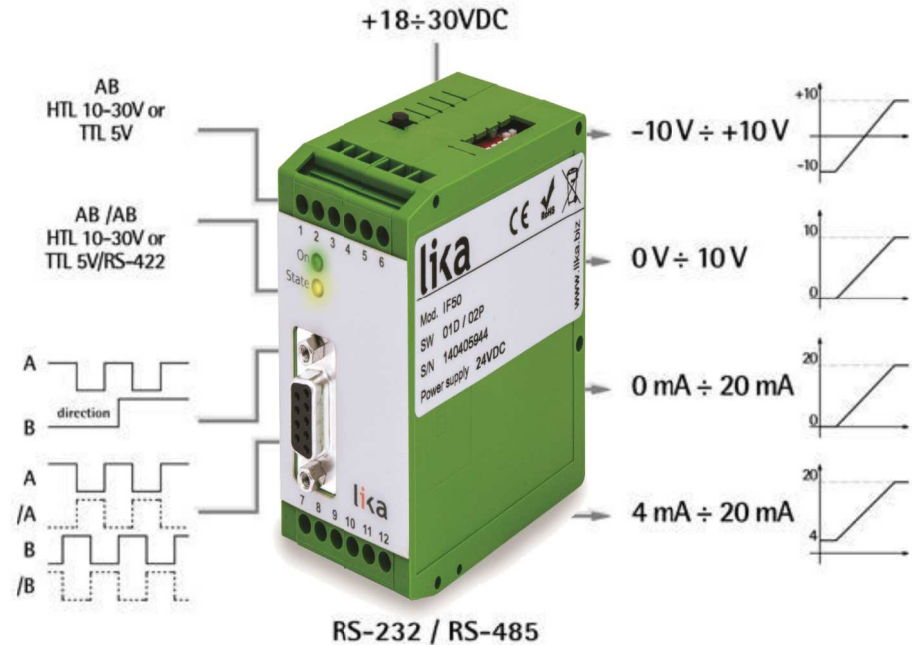
IF20

Converter
Galvanic Separator
Repeater



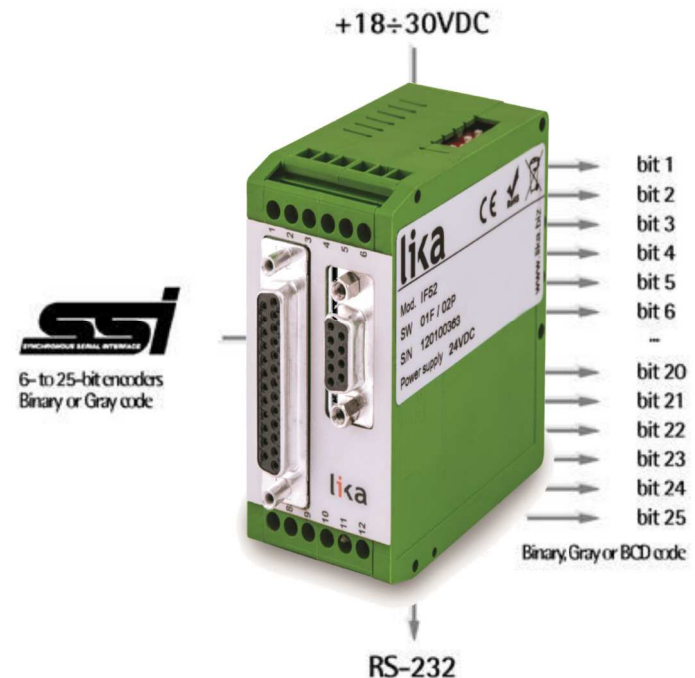
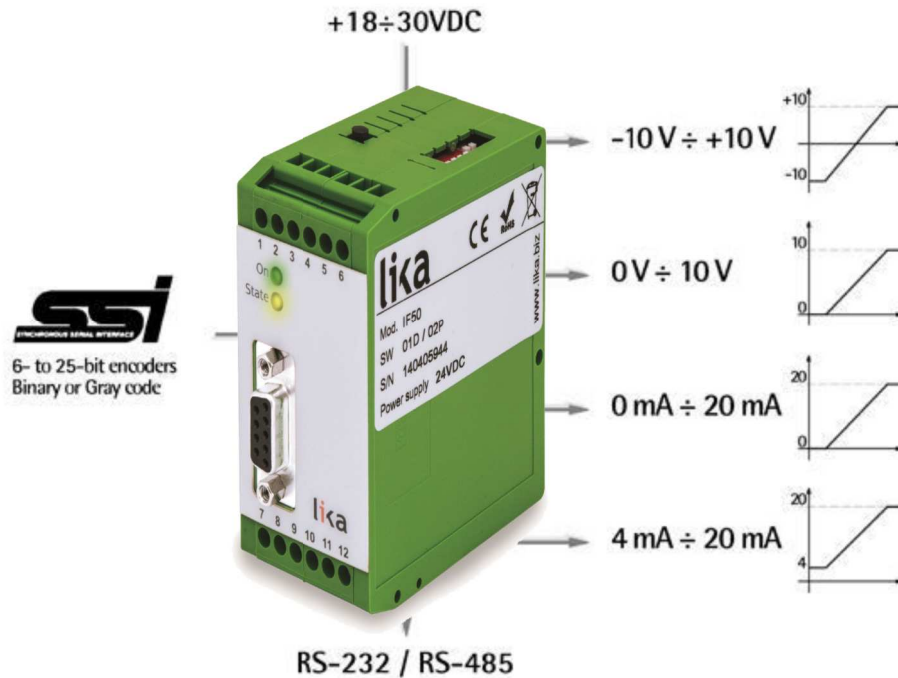
IF30

Interpolator (IF=5-50)
with divider & filtering functions



IF50

Converter
With teach-in & linearization functions



IF51

Converter
With teach-in & linearization functions

IF52

Converter
With linearization & latch functions



IF55

SSl/CANopen Converter
for linear & rotary encoders

SSl/ProfiBus Converter
for linear & rotary encoders

SSl/EtherCAT Converter
for linear & rotary encoders



IF60-IF61

Incr./F.O. Converter & Transmitter-Receiver



IF62-IF63

SSI/F.O. Converter & Transmitter-Receiver

IFS-10 Safety Monitor

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Speed, Standstill and Direction of rotation with multi functional inputs

SIL3/PL3

certified

Safety functions SS1, SS2, SOS, SLS, SDI, SSM (EN61800-5-2)

Encoder inputs

2x sincos

2x LD

2x HTL

Outputs

2x sincos (splitter)

2x LD (splitter)

4-20mA

2x forced guided
redundant relays

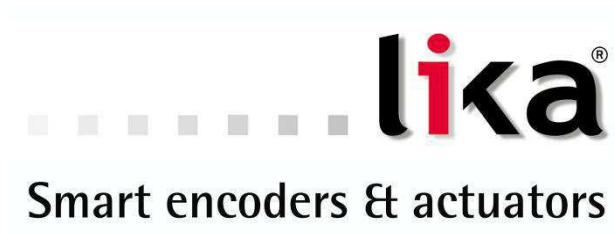
DIN rail

35mm C profile

Snap On

display & programming
module (opt)

Contact



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