35th

35 YEARS
YOUNG
1982.2017

lika

Smart encoders & actuators

& PROGRAMM ABLE

ROTAPULS • ROTACOD

Range of programmable encoders

Series **IQ36 • IQ58 • IP58**

- Programmable incremental
- Universal output circuit
- Resolution 16384 or 65536 PPR
- Zero setting push-button (IP58 series)
- Protection from IP65 to IP69K
- Programming via USB port

MAIN FEATURES	
Resolution:	IQ36, IQ58 series: programmable from 1 to 16384 PPR IP58 series: programmable from 1 to 65536 PPR
Accuracy:	IQxx: ± 0,15° IP58: ± 0,005°
Output circuit:	PP/LD Universale
Power supply:	+5Vdc +30Vdc
Programmable parameters:	• resolution • counting direction • Index position • Index length • output voltage (24/5Vdc)
Protection:	IP65, IP67, IP69K
Operating temperature range:	-25°C +85°C (-13°F +185°F)

ACCESSORIES	
EPFL 121:	M23 mating connector
EC-C12F-LK-I8-5:	5 m cordset with M23 conn.
EC-C12F-LK-I8-10:	10 m cordset with M23 conn.
E-M12F12:	M12 mating connector
EC-M12F12-LK-T12-5:	5 m cordset with M12 conn.
EC-M12F12-LK-T12-10:	10 m cordset with M12 conn.
BR1-xx:	reducing sleeves
PGF:	polymer flexible coupling
PAN:	helix flexible coupling
KIT IP/IQ58:	USB programming kit
EC-IP/IQ58-M23:	M23 programming cable
EC-IP/IQ58-M12:	M12 programming cable

IP58 IP58S CKP58 CKP59 CKP60	IQ58 IQ58S CKQ58 CKQ59 CKQ60	IQ36 CKQ36	-	X ⓐ	-	XXXX ⓑ	XXX ⓒ	X ⓓ	XX ⓔ	X ⓕ	X ⓖ	XX ⓗ	/Sxxx ⓘ

ⓐ OUTPUT CIRCUIT
H = PP/LD universale

ⓑ RESOLUTION (PPR)
PROG = programmable

ⓒ OUTPUT SIGNALS / CONNECTIONS
ZCW = AB0 /AB0, 12 wires cable output (T12)
ZCZ = AB0 /AB0, 12 pin M23 connector **(1)**
ZCM = AB0 /AB0, 12 pin M12 connector

(1) IQ58 and IP58 series only

ⓓ POWER SUPPLY
4 = +5V ÷ +30V

ⓔ SHAFT DIAMETER
6 = 6 mm (IQ36, IQ/IP58)
8 = 8 mm (IQ/IP58)
P9 = 9.52 mm (IQ/IP58)
10 = 10 mm (IQ/IP58)
12 = 12 mm (IQ/IP58)
14 = 14 mm (CKQ/CKP58)
15 = 15 mm (CKQ/CKP58)

ⓕ PROTECTION
- = IP65 (IQ/IP58)
- = IP67 (IQ36)
J = IP69K (IQ36)

ⓖ CONNECTOR POSITION
- = axial
R = radial

ⓗ CABLE LENGTH
L1 = cable output 1 m
L2 = cable output 2 m

ⓘ CUSTOM VERSION

...more programmable encoders

SME54

- programmable resolution & index width
- set-up via PC software
- gap clearance up to 2 mm
- status LED for gap and speed

SFE-5000, SFE-10000

- draw-wire incremental encoder
- 5000 & 10000 mm measuring length
- programmable resolution down to 0,01mm
- cable or M12/M23 connector output

EM58 PA

- programmable analogue output
- 4-20mA, 0-20/24mA, 0-5/10V, ±5/10V
- multi turn up to 16384 rev.
- programmable overrun mode

EM58 TA analogue

- analogue output adaptable to the encoder measuring length
- overrun function
- 4-20mA, 0-20/24mA, 0-5/10V, ±5/10V
- resolution 4096 cpr x 16384 turns
- shaft or hollow shaft mechanical version

ASR58, AMR58

- cam programmer and integrated limit switch
- singleturn up to 16 digital real-time outputs
- multiturn 8 outputs, SSI interface
- program selection input
- ATEX version on request

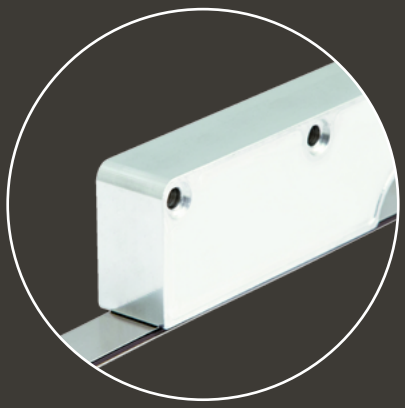
HM58 series, SSI absolute

- resolution 18 x 14 bit
- programmable scaling factor
- teach-in of resolution function
- SSI and parallel interface
- ATEX version on request

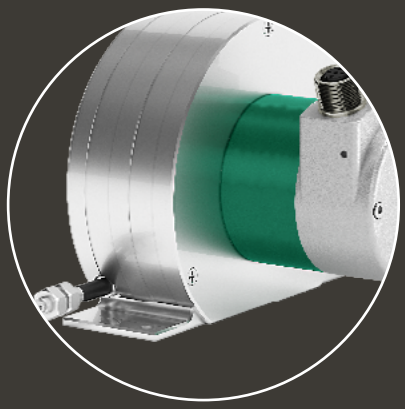
Product range

Rotary encoders

Kit encoders

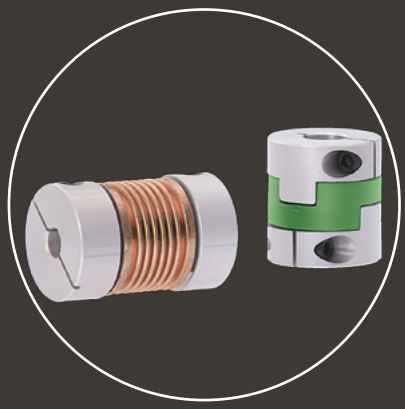


Linear encoders



Draw-wire encoders

Rotary actuators for format adjustment



Flexible and transmission couplings

Lika Electronic Srl
Via S. Lorenzo 25
36010 Carrè (VI) • Italy
Tel. +39 0445 806600
Fax +39 0445 806699
info@lika.biz • www.lika.biz

Lika South East Asia Co. Ltd
Banwah Ind. Estate
Bang Pa-in Ayutthaya • 13160 Thailand
Tel. +66 (0) 3535 0737
Fax +66 (0) 3535 0789
info@lika.co.th • www.lika.co.th