



35 YEARS
YOUNG
1982.2017

lika

Smart encoders & actuators



PROGRAMM
ABLE

ROTAPULS • ROTACOD

Range of programmable encoders

lika

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

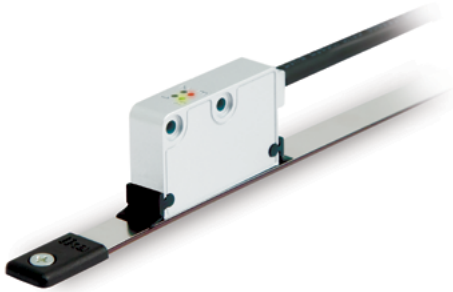
MAIN FEATURES	
Resolution:	IQ36, IQ58 series: programmable from 1 to 16384 PPR IP58 series: programmable from 1 to 65536 PPR
Accuracy:	IQxx: $\pm 0,15^\circ$ IP58: $\pm 0,005^\circ$
Output circuit:	PP/LD Universale
Power supply:	+5Vdc +30Vdc
Programmable parameters:	<ul style="list-style-type: none"> • 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	IQ58	IQ36	-	X	-	XXXX	XXX	X	XX	X	X	XX	/Sxxx
IP58S	IQ58S	CKQ36		(a)		(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
CKP58	CKQ58												
CKP59	CKQ59												
CKP60	CKQ60												

<p>(a) OUTPUT CIRCUIT H = PP/LD universale</p> <p>(b) RESOLUTION (PPR) PROG = programmable</p> <p>(c) OUTPUT SIGNALS / CONNECTIONS ZCW = ABO /ABO, 12 wires cable output (T12) ZCZ = ABO /ABO, 12 pin M23 connector (1) ZCM = ABO /ABO, 12 pin M12 connector</p>	<p>(d) POWER SUPPLY 4 = +5V ÷ +30V</p> <p>(e) 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)</p>	<p>(f) PROTECTION - = IP65 (IQ/IP58) - = IP67 (IQ36) J = IP69K (IQ36)</p> <p>(g) CONNECTOR POSITION - = axial R = radial</p> <p>(h) CABLE LENGTH L1 = cable output 1 m L2 = cable output 2 m</p> <p>(i) CUSTOM VERSION</p>
<p>(1) IQ58 and IP58 series only</p>		

...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, $\pm 5/10V$
- 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, $\pm 5/10V$
- 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

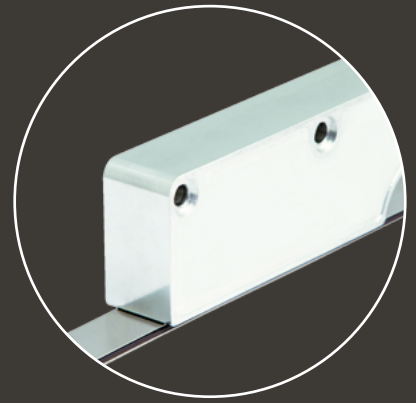
Product range



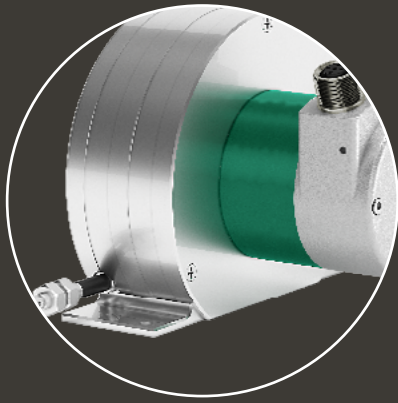
Rotary encoders



Kit encoders



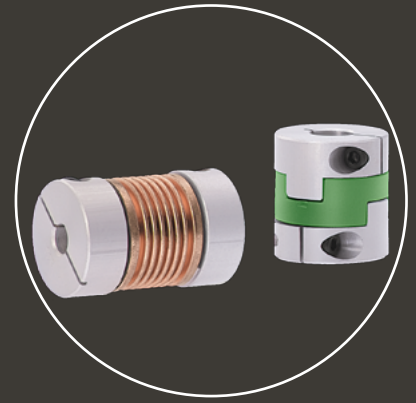
Linear encoders



Draw-wire encoders



Rotary actuators for format adjustment



Flexible and transmission couplings

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