



Encoders for the Aerospace industry
& custom applications

Frameless encoders from Standard to Tailored

Since its inception in 1982 Lika Electronic has devoted itself to ambitious challenges, creative synergies and an unwavering commitment to exceed the requirements of its customers.

At Lika our actions are guided by design flexibility and customization expertise and supported by long-term partnership with customers and key suppliers from all over the world as well as close cooperation with universities and research institutes.

This strength leads us to ambitious and innovative projects every day.

Lika Electronic develops and manufactures a comprehensive range of **rotary and modular encoders**

and customized solutions that meet the needs of a variety of advanced automation sectors such as motors, robots, utility vehicles, lifts, medical equipment, textile, wood, metal and stone working machinery.

AMM36, AMM5, AMM80, AMM8A, SMAR1, SMAR4, SMG and SMAG modular encoders are among the latest innovations and are born out of the same experience and commitment that has led us to unique applications in recent years: **I38 SPACE encoders for ESA's Rosetta** pioneering project and other recent space projects using COTS encoders.



AMM36 kit-encoder



Absolute single and multiturn encoder

- kit-encoder, compact dimensions, Ø36mm
- precise optical sensing
- resolution up to 22 bit
- high integrability into the user's assembly
- customizable mechanical interface

SMG high accuracy gear sensor



Detection of custom tooth structures

- incremental or absolute sensing
- up to 400 counts per tooth
- contactless operation
- high integrability into the user's assembly
- customizable mechanical interface

SMAB ring encoder



Rugged absolute encoder

- magnetic sensing technology
- bearingless construction
- large hollow shaft up to Ø80 mm
- resolution up to 18 bit
- slim profile thanks to axial ring detection

AMM5, AMM80 kit-encoders



Customized encoder modules

- absolute or incremental versions
- modular construction (PCB + disk)
- high resolution and accuracy
- proven technology for fully customized encoders
- slim profile designs possible (<11 mm)



Smart encoders & actuators

Lika Electronic Srl

Via S. Lorenzo, 25
36010 Carré (VI) • Italy
Tel. +39 0445 806600
info@lika.it • www.lika.it

German branch

Lika Electronic GmbH
Tecklenburger Weg 16
33428 Harsewinkel
Tel. +49 (0) 524798391-0
info@lika.biz • www.likaelectronic.de

Asia branch

Lika South East Asia Co. Ltd
66/2 Moo 1
Tambon Banlen, Amphur Bangpa-In,
Ayutthaya 13160, Thailand
Tel. +66 (0) 3535 0737
info@lika.co.th • www.lika.co.th

