

## New series of Ethernet and SSI/BiSS encoders with Energy Harvesting Technology

Three new series of absolute rotary encoders will be unveiled by Lika at the upcoming Hannover Messe (April 17-21, Hall 9 Booth F59):

- EX058 / EXM58 series with Ethernet interfaces and standard 58 mm diameter flanges
- EH058 / EHM58 series with SSI and BiSS interfaces and standard 58 mm diameter flanges
- EH036 / EHM36 series with SSI and BiSS interfaces and 36 mm diameter flanges
- Integral Energy Harvesting Technology
- Optical and magnetic sensing technology
- Solid and hollow shaft versions

All series can be equipped both with high accuracy optical sensing technology (EX058, EH058, and EH036 versions) and with robust magnetic sensing technology (EXM58, EHM58, and EHM36 versions).

They integrate the **Energy Harvesting Technology circuit**. So the multiturn counter is battery-free and gearless, allowing the encoders to be lighter and more compact and to reduce the risk of mechanical failures. Furthermore the range of the working temperature is extended from -40°C to +100°C (-40°F to +212°F) to cover many industrial applications. They can mount solid and blind hollow shafts. Also the Universal power supply circuit is very useful, it enables an input voltage of +5Vdc +30Vdc. EX058 / EXM58 series encoders can be equipped with the most popular Ethernet interfaces available on the industrial market: **Profinet, EtherNet/IP, EtherCAT, POWERLINK, Modbus TCP, and also CC-Link.**

Singleturn versions provide resolutions up to 18 bits while multiturn versions provide resolutions up to 30 bits. They have axial connector outlet.

**EH058 / EHM58 and EH036 / EHM36** series encoders have SSI and BiSS interfaces with singleturn resolutions up to 25 bits and multiturn resolutions up to 16 bits. EH036 / EHM36 series with 36 mm diameter flange and IP67 protection rate are ideally suited for installation in the most constricted and even harsh environments, they are perfect for small motors and robots.

Will you attend the Hannover Messe April 17-21? Drop by Booth F59 Hall 9, meet our experts, and see our encoders live.



EtherNet/IP™

CC-Link IE Field Basic

EtherCAT®

ETHERNET POWERLINK

Modbus

PROFINET®

BiSS INTERFACE

SSI  
SYNCHRONOUS SERIAL INTERFACE