

SMLA & SMRA redesigned

SMLA & SMRA absolute modular encoders for arcs and rotary applications have been completely redesigned both inside and out to become SMRA2.

One single product can be paired with a variety of scales, arcs, and rings now and offers increased resolution with additional Sine-Cosine output signals.

- Ideally suited for arcs, curved segments, and rings
- More compact and still mechanically compatible with previous generation
- SSI and BiSS interfaces with additional Sine-Cosine signals
- Resolution up to 20 bits
- IP68 protection

SMLA & SMRA absolute modular encoders **have been given a complete redesign** compared to previous generation and two products are now merged into one.

The **SMRA2 absolute modular encoder** is new both inside and out and is ideally suited for use in arcs, curved axes, and rotary applications.

The readhead is more compact but the special mounting support makes the sensor installation compatible with the previous models.

Electronics are fully overmoulded with **IP68 protection** rate, it enables the use under severe environmental conditions. The resolution has been increased up to 20 bits and the position information is provided through **SSI and BiSS interfaces**.

The new SMRA2 encoder also provides additional **Sine-Cosine signals** with differential 1 Vpp format for speed feedback.

Lika Electronic designs and manufactures a comprehensive range of scales, rings, segmented rings, arcs, and curved structures complete with coded magnetic material.

In addition to standard products, dimensions (outer diameter, shaft diameter, radius of curvature), materials (aluminium, stainless steel) and mounting methods can be evaluated from time to time in order to fit each application exactly.

