

# LIKA'S NEW C83 INCREMENTAL ENCODER WITH A LARGE Ø 45 MM THROUGH HOLLOW SHAFT

The **C83 is the new incremental encoder with a large through bore** from Lika Electronic.

It features a 45 mm (1.77 inches) through-hollow shaft with oversized bearings, engineered for direct mounting onto large-diameter shafts.

The shaft size can be reduced using a wide range of reducing sleeves.

The housing has been redesigned and now includes a new fixing plate to simplify installation.

Optionally, the protection rating can be increased to IP65, while the operating temperature range can be extended from -40°C to +100°C (-40°F to +212°F).

The C83 has a resolution of up to 8,192 pulses per revolution and is capable of measuring speeds of up to 3,000 revolutions per minute. Therefore, it is ideal for motor feedback applications.

It offers precise optical scanning technology and all the common incremental signals (AB signals, with or without Zero signal, with or without Complementary signals) and output circuits (Push-Pull, Line Driver, and Universal). Both options - "cable with flying leads" and "integral M23 connector" - are available.

