

PRODUCT SPECIFICATION

YUL5013A50PE5VG35

Overview

YUL50 series incremental encoder for high speed spindles,
IP65 protected with an aluminium alloy body.

Technical parameters

Resolution: 1000 to 5000 CPR (25P / 50P)

Count frequency: 500 kHz

Maximum speed: 12000 rpm

Bore diameter: 13.4 mm

Axial load 40 N max, radial load 80 N max

Shock: 50 G, 11 ms; vibration: 10 G, 10 to 2000 Hz

Starting torque: less than 0.03 Nm

Body: aluminium alloy, zinc alloy shell, approx. 400 g

Supply voltage: 5 V, operating current 20 mA

Temperature: -20 C to +105 C

Protection: IP65