

SURGICAL ROBOT



Machine Category:
Surgical Robot

Industry: Medical Equipment

Country: USA

Product Series:
KCD 36mm Kit Encoder

Specification:
KCD-BC33B-1617-E5RU-PRQ

Competing Technical Solution:

- Incremental Kit Encoders.
- Hall Effect Sensors

Benefits of Technical Solution

The KCD multiturn absolute kit encoder is being used on a Brushless DC Motor (BLDC) motor that traditionally applies an incremental kit encoder design to provide position feedback. The KCD encoder is also replacing the hall commutation sensors on the BLDC motor by using the single turn position information for motor phase current commutation.

Reasons for Choosing POSITAL

- Absolute Z-Axis position feedback.
- Mounting capability with typical Incremental kit encoders.
- One encoder for both position control and motor commutation.
- BiSS C serial communication.

Author: JST



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AMERICAS
FRABA Inc.
1 N Johnston Av, Suite C238
Hamilton, NJ 08609-2020, USA
T +1 609 750-8705
www.posital.com, info@posital.com

EUROPE
FRABA GmbH
Zeppelinstraße 2, D-50667 Köln,
GERMANY
T +49 221 96213-0
www.posital.eu, info@posital.eu

ASIA
FRABA Pte. Ltd.
30 Kallang Place
#04-16/17, SINGAPORE 339159
T +65 6514 8880
www.posital.sg, info@posital.sg