



Rotary Encoder with Push Momentary Switch Incremental output

REB162PVBS

Feature

- INA, INB or Gray code output
- Choices of shaft shape & length
- Choice with and without detent
- Metal shaft

Application

Specification



Encoder

Output	INA or INB (2 bit)	Gray (4 bit)
Operating Temperature Range	-10 to 70	-30 to 80
Rated Voltage	5V DC	5V DC
Maximum Operating Current	0.5mA	5mA
Resolution	24 Pulses/360 ° endless	15 Positions/300 ° endless
Insulation Resistance	10 M min.	10 M min
Total Rotation Angle/Travel	360 ° (endless)	300+/- 5 °
Torque	5 to 25 mN.m	5 to 25 mN.m
Life (cycles)	50,000 (INA) 100,000 (INB)	30,000
Dimensions	Dia. 16.0 x t = 7.5 mm	Dia. 16.0 x t = 7.5 mm

Switch

Circuit	SPST
Rated Voltage	16V DC 20mA
Contact resistance	100m max.
Travel	0.5mm
Operating force	5+/- 1.5N.m
Life	10,000