ENC SeriesOptical Encoder







Features/Benefits

- Clear detent/haptic feel
- Two channel, 2-bit code output
- Quadrature (Incremental type)
- Integrated pushbutton
- Panel mount with screw thread
- Cable and connector termination

Typical Applications

- Automotive interior control
- Industrial equipment
- Test & Instrumentation
- Medical equipment

Specifications

ROTARY

ELECTRICAL & MECHANICAL

OPERATING VOLTAGE: DC 5 \pm 0.25V, 30mA max.

OUTPUT VOLTAGE: Logic high > 3V DC

Logic low < 1V DC

ROTATIONAL TORQUE: 265 gf-cm initially

MECHANICAL LIFE: 300K cycles

PUSHBUTTON

ELECTRICAL & MECHANICAL

OPERATING VOLTAGE: DC 5V, 10mA

INITIAL CONTACT RESISTANCE: 10 ohm max.

ACTUATION FORCE: 600 ± 20% gf SHAFT TRAVEL: 0.74 ± 0.2mm

CONTACT BOUNCE: < 4ms make, < 10ms break

MECHANICAL LIFE: 300K cycles

Environmental Data

OPERATING TEMPERATURE: -40°C to +90°C
OPERATING RELATIVE HUMIDITY: <= 96% RH, +40°C

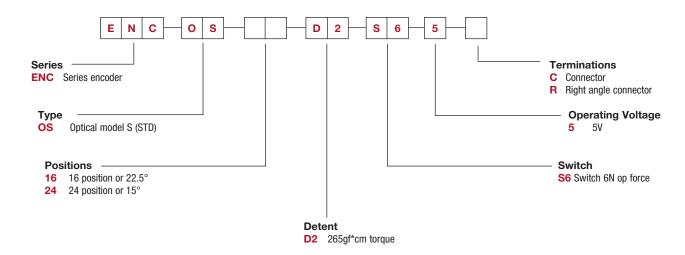
STORAGE TEMPERATURE: -40°C to +90°C

Materials

ACTUATOR: Zinc Alloy
HOUSING FRAME: Zinc Alloy
DETENT ROTOR: POM, HB
DETENT SPRING: SUS
HOUSING UPPER: PA66, V0
HOUSING LOWER: POM, HB
PUSHBUTTON DOME: SUS

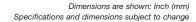
Build-A-Switch

Product specifications and technical information listed above are for standard offer on Optical Encoder. For special options and custom request, please contact your sales representative.

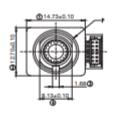


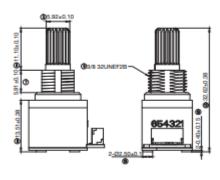
K-33

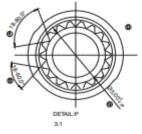




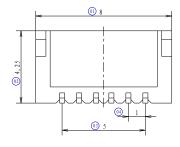
PART NUMBER	PACKAGING
ENCOS16D2S65C	Tray

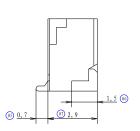


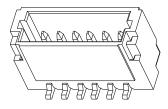




Header Socket



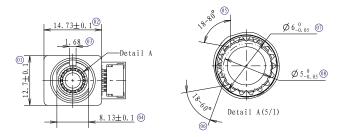


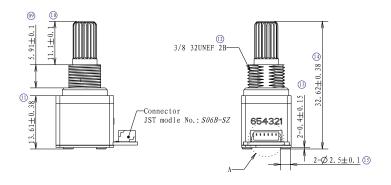


^{*} Note: Recommended connector is JST 06SR-3S

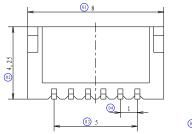


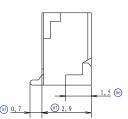
PART NUMBER	PACKAGING
ENCOS24D2S65R	Tray

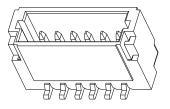




Header Socket







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