Model EN11 11mm Rotary Encoder 2 Bits Gray Code Incremental/Contacting Type Metal Bushing/Shaft Push-on Switch Option

RoHS Compliant

MODEL STYLES



EN11-HSM
EN11-HNM
EN11-HSB
EN11-HNB
EN11-VSM
EN11-VNM
EN11-VSB
EN11-VNB
20
3 Ohms, max.
10mA/ 5Vdc
10mA
300Vac/1mA, I minute
100M ohms at 250Vdc/ 1mA
2.0ms max.
5.0ms max.

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Operating Speed (RPM)

Switch Contact Resistance

Actual Electrical Travel, Nominal

Switch Power rating

4200 Bonita Place, Fullerton, CA 92835 USA

Phone: 714 447 2345 Website: www.bitechnologies.com



100 RPM max.

10mA/5Vdc

Continuous

100 milliohms

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Specifications subject to change without notice.

Model EN11

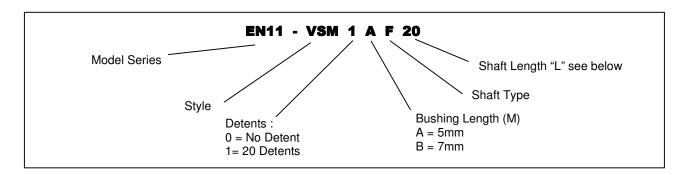
MECHANICAL

Total Mechanical Travel	Continuous
Detents (per Revolution)	0 and 20
Rotational Torque of Detent, Maximum	2.5 oz-in
Switch Operating Force	550 gf
Switch Travel	0.5mm

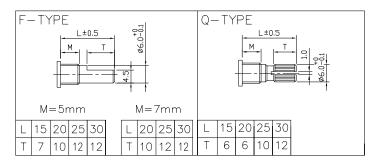
ENVIRONMENTAL

Operating Temperature Range	-30°C to +85°C
Rotational Life	30,000 cycles

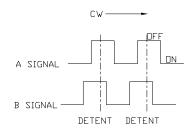
ORDERING INFORMATION²



Shaft Types



CIRCUIT DIAGRAM



² Contact our customer service for custom designs and features.

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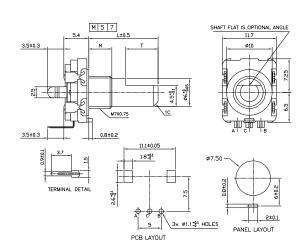
Model EN11

OUTLINE DRAWING

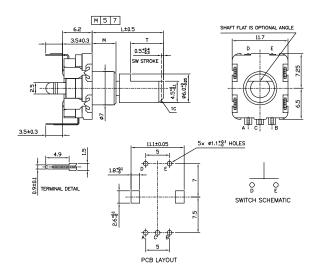
MODEL EN11-HSM (Top Adjust, with Switch, Threaded Bushing)

3.5±0.3 M 5 7 SHAFT FLAT IS OPTIONAL ANGLE 11.7 910 M7X0.75 SWITCH SCHEMATIC 97.50 PCB LAYOUT PANEL LAYOUT SHAFT FLAT IS OPTIONAL ANGLE 11.7 910 SWITCH SCHEMATIC 97.50 PANEL LAYOUT

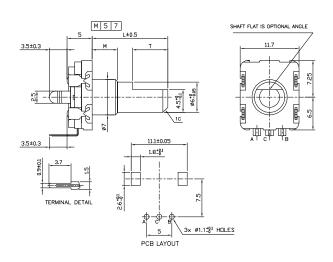
MODEL EN11-HNM (Top Adjust, without Switch, Threaded Bushing)



MODEL EN11-HSB (Top Adjust, with Switch, Plain Bushing)



MODEL EN11-HNB (Top Adjust, without Switch, Plain Bushing)

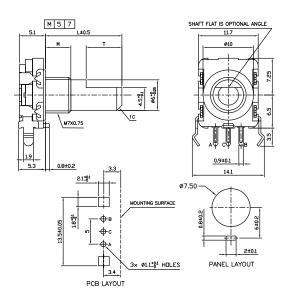


Model EN11

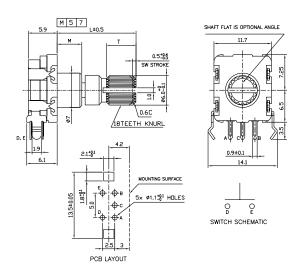
MODEL EN11-VSM (Side Adjust, with Switch, Threaded Bushing)

SHAFT FLAT IS OFFIONAL ANGLE 11.7 6.3 M 0.5123 SW STROKE 97.50 0.840.2 14.1 0.920.1

MODEL EN11-VNM (Side Adjust, without Switch, Threaded Bushing)



MODEL EN11-VSB (Side Adjust, with Switch, Plain Bushing)



MODEL EN11-VNB (Side Adjust, without Switch, Plain Bushing)

