

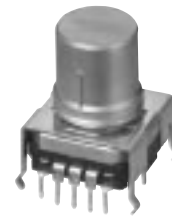
NEW

16 mm Square High Grade, High Rotational Torque Encoders (With push-on Switch)

Japan

Type: **EVEP**

High-grade, high-rotationai, long-life encoder for centralized control



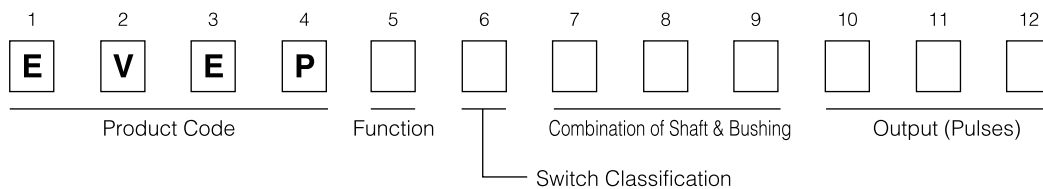
■ Features

- Good operation feel
- Long life achieved by the high click torque
- Runout protection Runout : 0.1 mm max.

■ Recommended Applications

- Centralized control of automotive audio equipment, navigation systems, and air conditioners.

■ Explanation of Part Numbers

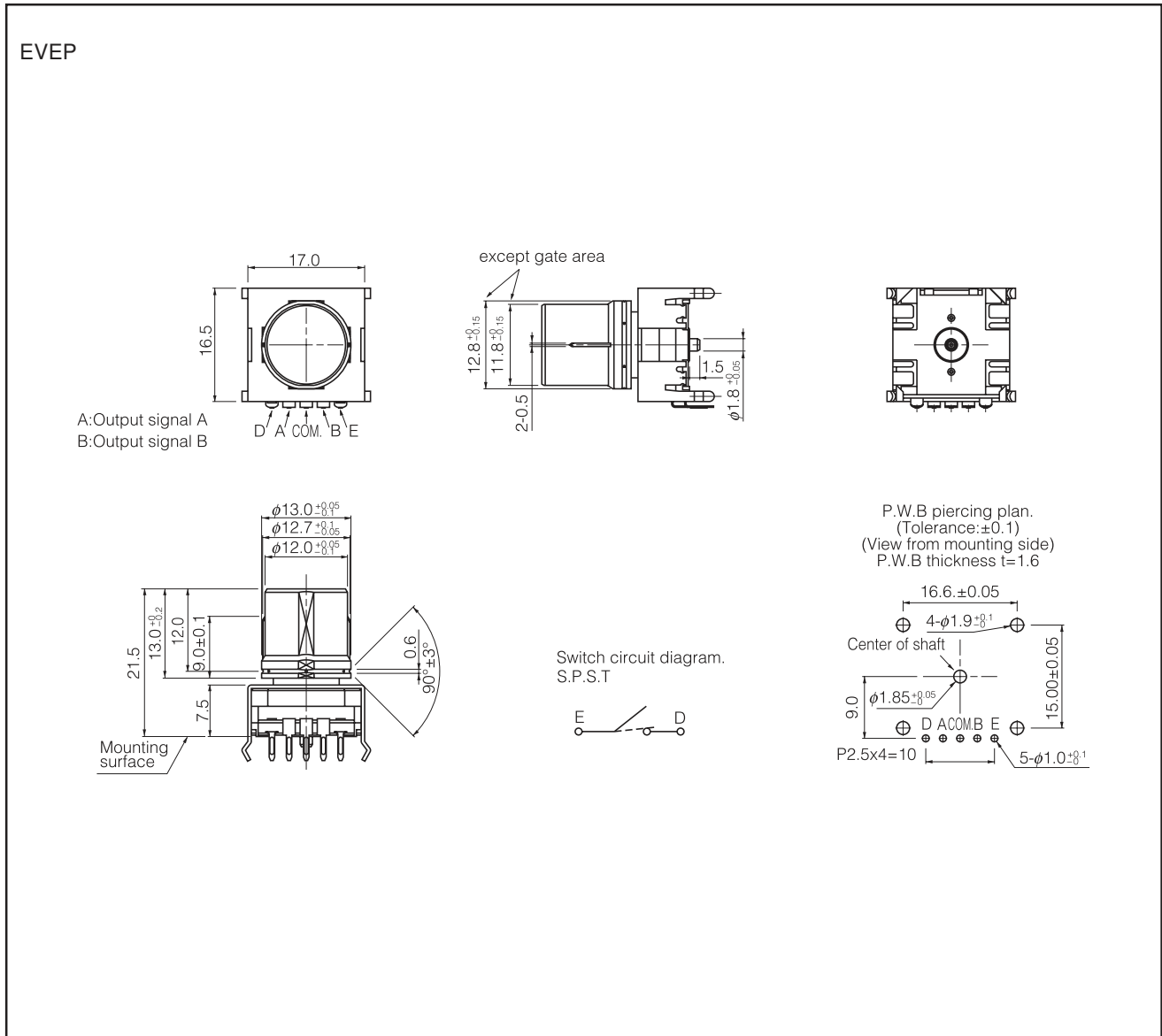


■ Major Specifications

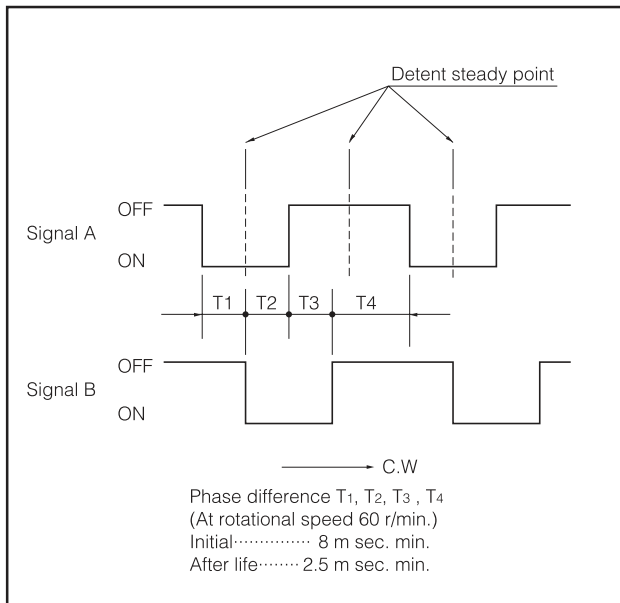
Mechanical	Rotation Angle	360 ° (Endless)
	Shaft Inclination	0.1 mm max.(Length form mounting surface : 21.5 mm) (50 mN·m is applied on the point 2 mm from the shaft tip)
	Rotation Torque	40 mN·m max.
	Detents	16 detents
Electrical	Output Signals	Phase A and B
	Resolution	8 pulses/ 360 °
	Rating	1 mA 10 Vdc (at each bit)
	Contact Resistance	1 Ω max.
	Bouncing	5 ms max.
	Insulation Resistance	50 MΩ min. (at 250 Vdc)
	Dielectric Withstanding Voltage	300 Vac for 1 minute
Switch Part	Type	SPST Push-on
	Rating	20 mA 16 Vdc
	Contact Resistance	100 mΩ max.
	Operating Force	6 N
	Travel	0.5 mm
Endurance	Rotation Life	1000000 cycles min.
	Operating Life	1000000 times min.
Minimum Quantity /Packing Unit	Minimum Quantity/Packing Unit	50 pcs.(Tray Pack)
	Quantity/Carton	200 pcs.

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

■ Dimensions in mm (not to scale)



■ Phase Difference



■ Test Circuit Diagram

