

# ENCODER switch

**Multy Fuction Snap-in & Surface mount Type**

MODEL NO.  
**SM006 Series**



## Features

Incremental type

A push on switch with a clear-click operational feel

An encoder with detents and excellent operating feeling

## Applications

Menu selection and input for Audio Visual Equipment

Level controls for car audio & navigation system

Portable audio devices, Personal digital assistant.

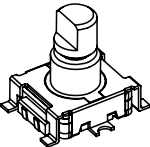
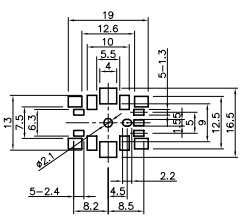
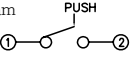
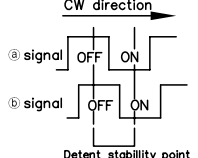
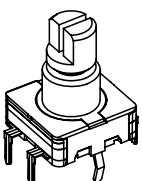
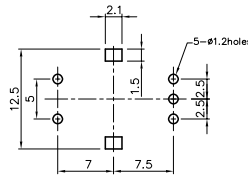
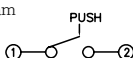
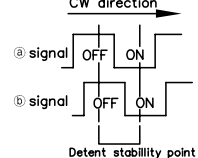
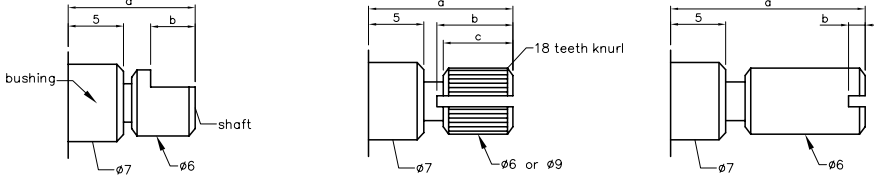


## Main Specifications

|                       | Encoder               | Push on  |
|-----------------------|-----------------------|--|
| Rating                | 10mA 5V DC            | 0.5mA 16V DC                                       |
| Detent(pulse) /Travel | 30 detent (15 pulses) | 0.25mm   |
| Contact Resistance    | 1 Ω max.              | 100mΩ max.   |
| Operating Force       | 100gf                 | 350gf (□□ : 35)<br>without push on switch (□□: 00) |
| Operating Life        | 15,000 Cycles         | 20,000 Cycles                                      |

## Subsidiary Production Code

| Code number | Terminal shape | Guide Boss | Drawing |
|-------------|----------------|------------|---------|
| SM006GJ □□  | SMT            | With       | 1       |
| SM006BD □□  | Snap-in        | Without    | 2       |

| No.   | 3D  | Dimension Type   | P.C.B pattern dimension   |
|---|---|------------------|---|
| 1   |    | <p>Unit : mm</p> |  <p>Circuit Diagram</p>  <p>CW direction</p>  <p>Detent stability point</p>      |
| 2   |  | <p>Unit : mm</p> |  <p>Circuit Diagram</p>  <p>CW direction</p>  <p>Detent stability point</p> |
| <b>Standard Dimensions Shaft</b>  |   |                  |   |
|  <p>Custom applications are available for the shaft specifications.</p> |   |                  |   |