

Multi-function encoder Switches Series **SWF42EA**



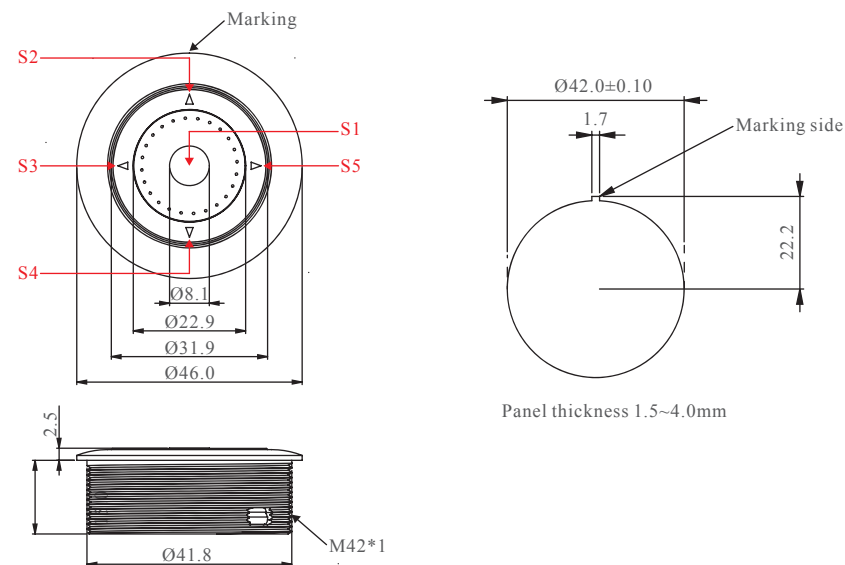
General Specifications

Current Rating	:1 mA
Voltage Rating	:10VDC with Resistive Load
Vibration Resistance	:10~55Hz, displacement 0.75mm(p-p)
Contact Resistance	:Max. 300mΩ (Measured by ohm meter-Open Voltage <1 VDC, Driver current-100mA)
Insulation Resistance	:Min. 100MΩ(100VDC/ minute)
Operating Force	:5 way switch Max. 300gf Encode Torque Max. 60gf-cm
Operating Life	:Rotation - Min. 2,000,000 operations (C.W. 1,000,000 & C.C.W 1,000,000 operations) Push - Min. 1,000,000 operations
Operating Frequency	:Rotation- Max. 30 operations per minute Push - Max. 120 operations per minute
Operating Temperature	:0 deg.~ 40 deg.

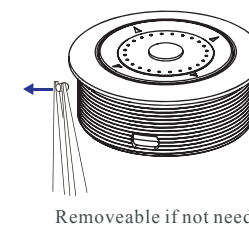
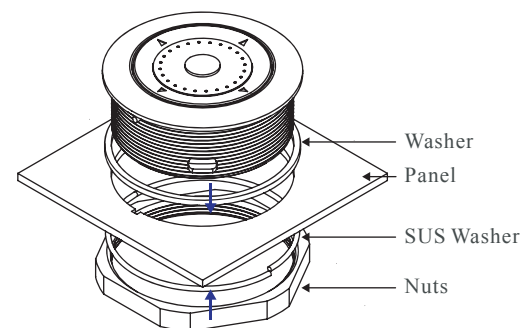
Materials

SW Terminal	:Brass
SW Base	:Polyamide (PA)
SW Action Dome	:SUS
Cap	:Polycarbonate (PC)
Housing	:Aluminum
Nuts	:Aluminum
Base	:Acrylonitrile Butadiene Styrene (ABS)
Connector	:PA , Brass with Tin plating
SUS Washer	:SUS
Washer	:EVA

Dimension / Panel Cutting

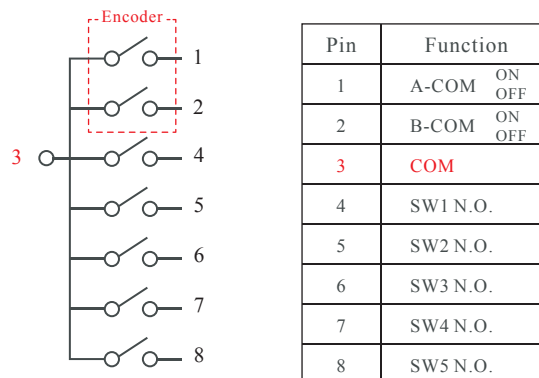


Installation Notes

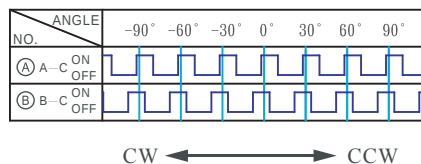


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Contact Configuration



Rotation



Numbers of detent : 24

Pulse / Rotation : 12 pulse / 360°

The Connector for SWF42EA
module similar JST B8B-PH-
SM4-TB Applicable Connector:
Conductor pitch / 2.0mm
Conductor width / □0.5mm

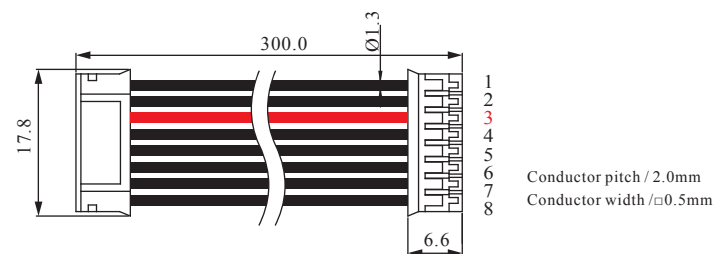
How to order

Module		
Part No	SWF42EA40	SWF42EA55
Description	5 way switch Encoder White cap Silver Housing	5 way switch Encoder Black cap Black Housing

※ Color is subject to actual product.

※ We provide Marking service.

Option



Cable: YCW015