



Shan Pu

Navigation Switches Series SF30BC / SF30BD



Feature

- Panel cutting Ø30mm
- Front Panel IP67
- 6 Key Navigation Switches
- LED Illuminated
- Metal Housing
- Voltage divider circuit decrease switches pinout

General Specifications

Switch Circuit	: SP6T (SF30BC, analog input, voltage divide) SP6T (SF30BD, 6-key Common bus)
Switch Contact rating	: 50mA @ 12V DC max
LED Rating	: Limited forward current (IF) at 20mA max
Operating Force	: 400gf ± 200gf (S1~S4) 250gf ± 100gf (S5~S6)
Total Travel	: 0.5mm ± 0.3mm
Mechanical Life	: 200,000 cycles Min.
Operating Temperature	: -25°C ~ + 60 °C
IP Code	: IP67

Materials

Housing	: Aluminum
Cap	: Polycarbonate (PC)
Nuts	: Polyamide (PA)
Washer	: NBR
SUS Washer	: SUS

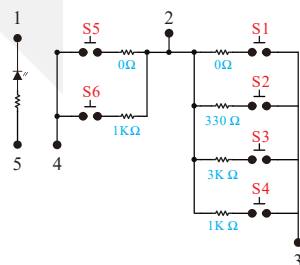
Configuration

/ SF30BC with LED

Pin	Function
1	GND
2	VCC
3	OUTPUT A
4	OUTPUT B
5	LED VCC

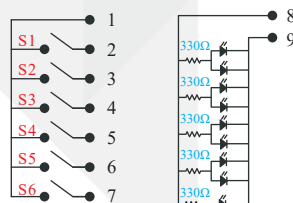
/ SF30BC Without LED

Pin	Function
1	NON
2	VCC
3	OUTPUT A
4	OUTPUT B
5	NON



/ SF30BD

Pin	Function	Pin	Function
1	SW COM.	7	SW 6 N.O.
2	SW 1 N.O.	8	LED (+)
3	SW 2 N.O.	9	LED (-)
4	SW 3 N.O.	10	NON
5	SW 4 N.O.	11	NON
6	SW 5 N.O.	12	NON



How to order



SF30BC0051

Without LED /
Silver Housing /
Black Cap with Marking 1



SF30BC7552

Blue LED /
Black Housing /
Black Cap with Marking 2

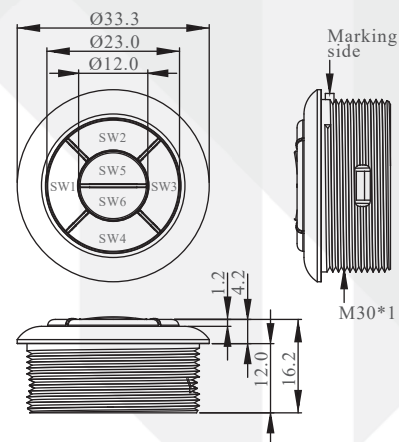


SF30BD1051

Red LED /
Silver Housing /
Black Cap with Marking 1

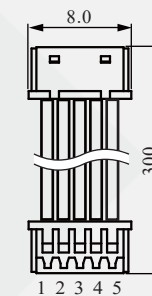
- ※ Color is subject to actual product.
- ※ We provide Laser Marking service.

Dimension



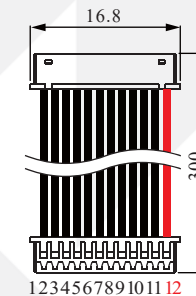
Option

/ For SF30BC



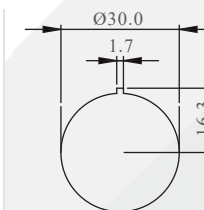
Cable: YCW030-A
Cable: UL1571#28AWG
Conductor pitch : 1.25mm
Conductor width : □0.3mm

/ For SF30BD



Cable: YCW024
Cable: UL1571#28AWG
Conductor pitch : 1.25mm
Conductor width : □0.3mm

Panel cutting



Panel thickness :
1.5~4.0mm