



Shan Pu

Waterproof Multi-function Switches Series SF19BA



Feature

- Panel cutting Ø19mm
- Front Panel IP65
- 5 Key Navigation Switches
- LED Illuminated
- Metal Housing

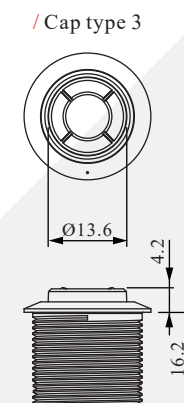
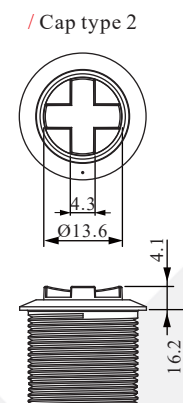
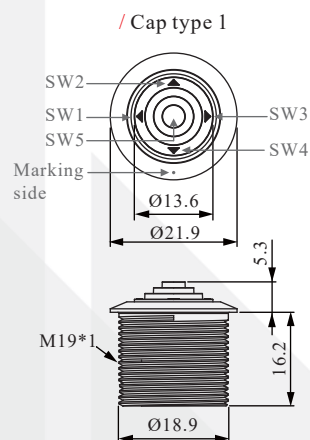
General Specifications

Switch Circuit	:SP5T (5-key Common bus)
Switch contact rating	:50mA @ 12V DC max
LED Rating	:30mA @ 12V DC
Contact Resistance	:300mΩ Max.
Insulation Resistance	:100MΩ Min.
Operating Force	:Center Push 650±200gf 4-Direction 250±100gf
Mechanical Life	:50,000 cycles Min.
Operating Temperature	: -20 °C ~ +70 °C

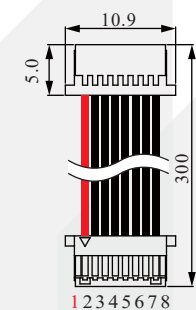
Materials

Cap(Type 1, Type 2)	:Polyamide (PA)
Cap(Type 3)	:Polycarbonate (PC)
Reflector	:Silicone
Base	:PC
Housing	:SUS
Nuts	:Polyamide (PA)
Washer	:Rubber

Dimension

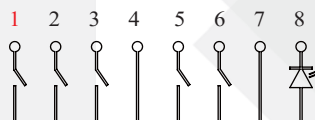


Option



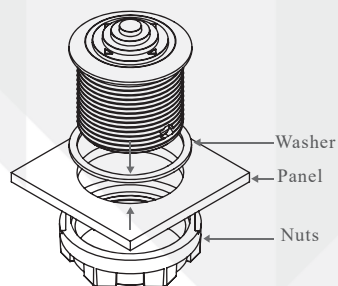
Cable: YCW014
Cable: UL3302#28AWG
Conductor pitch : 1.0mm
Conductor width : □0.2mm

Contact Configuration & Panel cutting

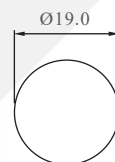


Pin	Function	Pin	Function
1	SW3 N.O.	5	SW4 N.O.
2	SW2 N.O.	6	SW5 N.O.
3	SW1 N.O.	7	LED(+)
4	SW COM.	8	LED(-)

The Connector for SF19BA module
similar JST BM08B-SRSS-TB
Applicable Connector:
Conductor pitch / 1.0mm
Conductor width / □0.2mm



Installation Notes



Panel thickness
1.5~4.0mm

How to order



SF19BA0B11
Without LED /
Silver Housing /
Black Cap type 1



SF19BA7B12
Blue LED /
Silver Housing /
Black Cap type 2



SF19BA7A13
Blue LED /
Black Housing /
Black Cap type 3