



16/22mm Flush mounting stainless steel control switches

This series adopts flush-mounting design above the panel. Thanks to stainless steel housing, the switch features high strength and abrasion resistance. The appearance is beautiful and small. The touch is smoothly moving. Upon round shape, the illuminated items are equipped with high-brightness LEDs, that lifetime offers 50,000 hours at least. Embedded sealing struction, the protection rating up to IP67. The products can widely used for machinery, instrument, automation, transpotation, smart building, aviation, military, medical devices and more.

16/22mm Flush Mounting Stainless Steel Control Switches

16mm Control Switches

132-133

22mm Control Switches

134-135

Linking your system

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Features

- Support 16m/m、22m/m flush-mounting holes
- Flat and round shape. Metal texture. Beautiful appearance
- Red/Yellow/Green/Blue/White LEDs color for your choice
- Illuminated light mode: Single dot、Ring
- Abrasion resistance, high strength, and high hardness with stainless steel housing
- Embedded high-brightness LEDs. Long lifetime
- The protection rating in front of panel up to IP67

Applications

- Industry: Machinery、Instrument、Factory equipment
- Public Field: Ticket-gate machine、Vendor machine、Car parking entrance
- Control System: Panel control、Smart device

Technical Specifications

- Connected setting: Connect block 2.8 x 0.5mm
- Contact rating: 16mm: 250VAC/3A, 22mm: 250VAC/5A
- Contact resistance: $\leq 50m\Omega$
- Insulation resistance: $\geq 100m\Omega$
- Dielectric strength: 2000VAC 50Hz, 1m
- Mechanical lifetime: More than 1,000,000
- Electrical lifetime: More than 50,000
- Thickness of panel: 1...6mm
- Nut torque: 5...14N/m
- Operating pressure: 5.5N
- LED lifetime: 50,000 h
- Pushbutton material: Stainless steel
- Housing material: Stainless steel
- Storage temperature: $-40^{\circ}C \sim +80^{\circ}C$
- Operation temperature: $-25^{\circ}C \sim +55^{\circ}C$

Installation Panel

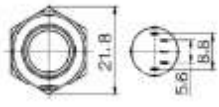
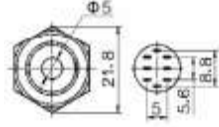
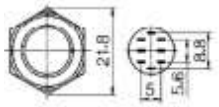
- Mounting Sequence: Put the actuator through the panel hole. Tighten the nut below the panel. The torque is 5...14 N/m
- The thickness of panel is 1...8mm

Hole Dimension

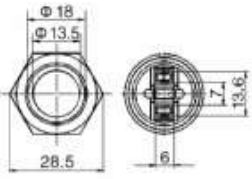
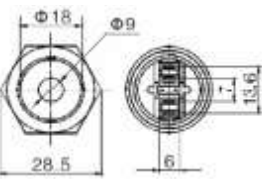
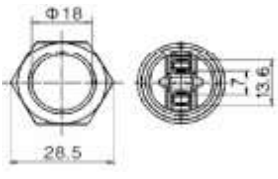
Cut-out Category	Hole Dimension
A: 16mm round hole	
B: 22mm round hole	

Front view and bottom of contact block

16m/m mounting hole

Illuminated Ring	Illuminated Single dot	Non-Illuminated
		

22m/m mounting hole

Illuminated Ring	Illuminated Single dot	Non-Illuminated
		

16mm Control Switches

22/25/30mm Control Switches

16/22mm Stainless Steel Switches

30/50/70mm Multi-Layer Light Tower




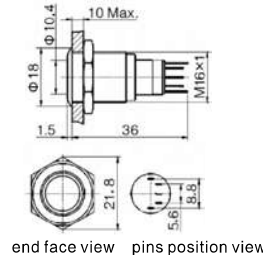

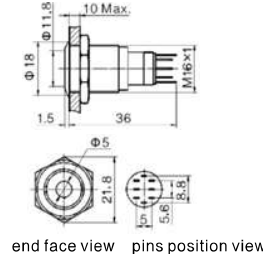

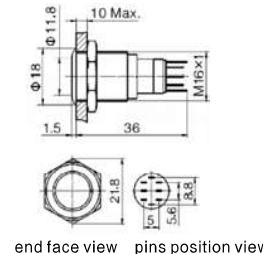
- 16mm and 22mm flush mounting
- Stainless steel housing for abrasion resistance, high strength, high hardness
- Offer illuminated and non-illuminated metal switches
- Light mode: Single dot and ring
- Round and flush head shape. Beautiful appearance
- Protection up to IP67 above front panel



Coding Principle

Pushbutton Switches M1/M2 | M | 2 | P | 1 | G | A | B | 3 | L | 1 | . | M

Part No.	Code Description
M	Classification : M=Flush mounting stainless steel control switches
2	Mounting size : 1=16m/m 2=22m/m
P1	Cap style : P1=Flat button
G	Light color : R=Red, Y=Yellow, G=Green, B=Blue, W=White, S=Stainless steel surface
AB	Contact mode : AB=1NO/1NC, 2A2B=2NO/2NC
3	Operating voltage : 3=24VDC, 4=110VAC, 5=220VAC
L	Light source : L=LED lamp
1	Light mode : 1=Ring, 2=Central dot
.M	Function mode : M=Momentary, A=Alternative

M1P1 Ring/Illuminated	Drawing	Color	Momentary Part No.	Alternative Part No.
		○	M1P1W□□◇L 1.M	M1P1W□□◇L 1.A
		●	M1P1R □□◇L 1.M	M1P1R □□◇L 1.A
		●	M1P1Y □□◇L 1.M	M1P1Y □□◇L 1.A
		●	M1P1G □□◇L 1.M	M1P1G □□◇L 1.A
		●	M1P1B □□◇L 1.M	M1P1B □□◇L 1.A
M1P1 Dot/Illuminated	Drawing	Color	Momentary Part No.	Alternative Part No.
		○	M1P1W□□◇L 2.M	M1P1W□□◇L 2.A
		●	M1P1R □□◇L 2.M	M1P1R □□◇L 2.A
		●	M1P1Y □□◇L 2.M	M1P1Y □□◇L 2.A
		●	M1P1G □□◇L 2.M	M1P1G □□◇L 2.A
		●	M1P1B □□◇L 2.M	M1P1B □□◇L 2.A
M1P1 Non-Illuminated	Drawing	Color	Momentary Part No.	Alternative Part No.
		Stainless steel	M1P1S □□.M	M1P1S □□.A
		-	-	-
		-	-	-
		-	-	-
		-	-	-

Remark: 1. □□Contact Mode: AB=1NO/1NC, 2A2B=2NO/2NC
2. ◇Lamp Voltage: 3=24VDC, 4=110VAC, 5=220VAC
L=LED lamp

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