

Micro-travel Switch
MTC

MTC series part number description

MTC16F-10■E/Y/△/▲/S

Symbol	Representation	Description
16	Diameter	16: 16mm / 19: 19mm / 22: 22mm
F	Head shape	F: Flat round
10	Contact structure	10: 1NO
■	Operation type	Z: Latching / no letter means momentary
E	Lamp type	E: Ring illuminated / no letter means non-illuminated
Y	Terminal type	Y: Leading
△	Lamp color	R: Red / G: Green / Y: Yellow / B: Blue / W: White
▲	Lamp voltage	6V / 12V / 24V
S	Crust material	S: Stainless steel

Note: Please carefully read the specific instructions of the product, and select the corresponding code in the table according to the different symbols.

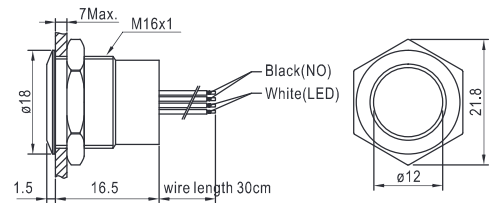
Electrical Characteristics

Operating Temperature	-25℃~+55℃(no freezing) Keep the switch air circulating well
Operating Humidity	45~85%RH(no condensing)
Contact Resistance	≤50mΩ
Insulation Resistance	≥1000MΩ
Vibration Resistance	50Hz, Amplitude 1.2mm
Solder Heat Resistance	320℃(or 40W soldering iron) no more than 3 seconds
Switch ratings	1A/24V(19mm, 22mm could be customized for 2A/24V)
Operating distance	0.5mm
Terminal type	22AWG 30cm leads(pin terminal could be customized)
Switching	A(single-break contact)
Panel Thickness	1~7mm
Torque	About 0.6Nm
Mechanical life	500,000 cycles
Electrical life	500,000 cycles
Button material	Stainless steel
Crust material	Stainless steel
Base material	PBT
Operating pressure	About 3.8N(16), About 7.8N(19), About 5N(22)
Protective degree	IP65(MTC19F could be customized for IP67), IK05



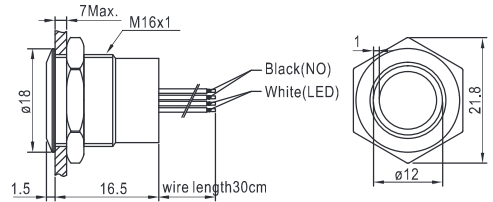
MTC16F-10■/Y/S

Front shape Flat
 Contact configuration 10(1NO)
 Operation type ■ No letter means momentary / Z(latching)
 Terminal type 30cm wire leading
 Crust material S(Stainless steel)



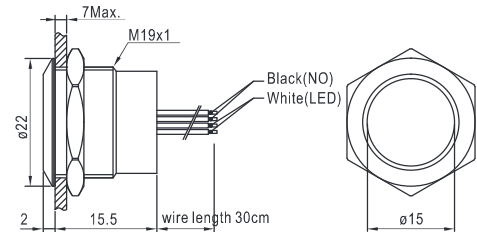
MTC16F-10■E/Y/△/▲/S

Front shape Flat
 Contact configuration 10(1NO)
 Operation type ■ No letter means momentary / Z(latching)
 Lamp type E (Ring illuminated)
 Terminal type 30cm wire leading
 Lamp color △ R G Y B W
 Lamp voltage ▲ 6V/12V/24V
 Crust material S(Stainless steel)



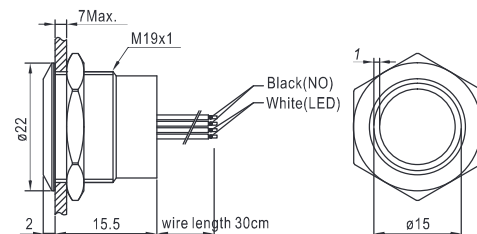
MTC19F-10■/Y/S

Front shape Flat
 Contact configuration 10(1NO)
 Operation type ■ No letter means momentary / Z(latching)
 Terminal type 30cm wire leading
 Crust material S(Stainless steel)



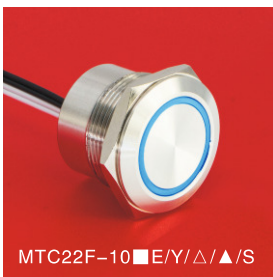
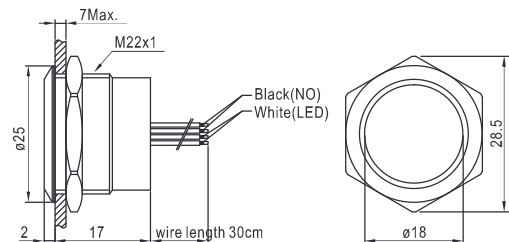
MTC19F-10■E/Y/△/▲/S

Front shape Flat
 Contact configuration 10(1NO)
 Operation type ■ No letter means momentary / Z(latching)
 Lamp type E (Ring illuminated)
 Terminal type 30cm wire leading
 Lamp color △ R G Y B W
 Lamp voltage ▲ 6V/12V/24V
 Crust material S(Stainless steel)



MTC22F-10■/Y/S

Front shape Flat
 Contact configuration 10(1NO)
 Operation type ■ No letter means momentary / Z(latching)
 Terminal type 30cm wire leading
 Crust material S(Stainless steel)



MTC22F-10■E/Y/△/▲/S

Front shape Flat
 Contact configuration 10(1NO)
 Operation type ■ No letter means momentary / Z(latching)
 Lamp type E (Ring illuminated)
 Terminal type 30cm wire leading
 Lamp color △ R G Y B W
 Lamp voltage ▲ 6V/12V/24V
 Crust material S(Stainless steel)

