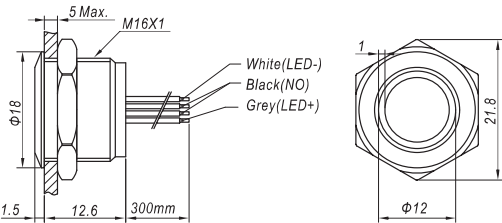
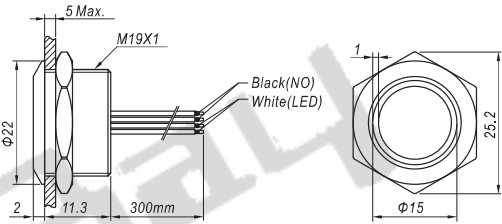


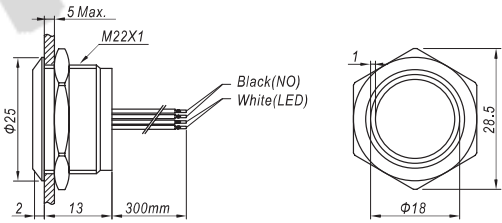
Contact structure 1NO(Momentary)
Terminal Type 24AWG 30cm wire leading (Pin terminal can be customized)
LED color△ **R** **G** **Y** **B** **W**
LED voltage▲ 6V / 12V / 24V
Housing material S: Stainless steel
Protection level IP65,IK05



Contact structure 1NO(Momentary)
Terminal Type 24AWG 30cm wire leading (Pin terminal can be customized)
LED color△ **R** **G** **Y** **B** **W**
LED voltage▲ 6V / 12V / 24V
Housing material S: Stainless steel
Protection level ※ No letter means IP65 / FP:IP67



Contact structure 1NO(Momentary)
Terminal Type 24AWG 30cm wire leading (Pin terminal can be customized)
LED color△ **R** **G** **Y** **B** **W**
LED voltage▲ 6V / 12V / 24V
Housing material S: Stainless steel
Protection level IP65,IK05



Performance Characteristic

Operating temperature	-25℃~ +55℃(no freezing), keep the air flowing around illuminated push button
Operation Humidity	45~85%RH(no condensation)
Contact Resistor	≤100mΩ
Insulation Resistor	≥100MΩ (500VDC)
Maximum withstand voltage	1000VAC, 50Hz, 1min
Vibration Resistance	50Hz, Amplitude 1.2mm
Solder Heat Resistance	320℃ 3s
Switch rating	50mA/24VDC
Mechanical Life	≥500K cycles
Electrical Life	≥50K cycles
Base material	PBT
Nut Torque	Around 0.6Nm
Operation Pressure	Around 3.8N(MTA16),Around7.8N(MTA19),Around5N(MTA22)
Operation Travel	0.5mm
Protecting level	IP65(MTA19F can be customized to IP67),IK05

LED Specifications

LED life	Current	Allowable voltage fluctuation range	Circuit diagram
≥40000 hours	≤24V about 15mA	DC: ±10%	The product has built-in protective resistance, and the lamp bead wiring has no distinction between positive and negative poles.

PART NUMBERS ON THIS DRAWING
MR-MTA16F-10E MR-MTA19F-10E MR-MTA22F-10E

MICRO-TRAVEL METAL PUSH BUTTON		Micro-Ray	
MR-MTA16/19/22 SERIES			
PART NO	MR-MTA16/19/22		
DWG NO	MR-MTA16/19/22	SHEET 1 OF 1	REV A
UNITS: mm	SCALE: NTS - DO NOT SCALE	SIZE A4	DATE 2026-09-22