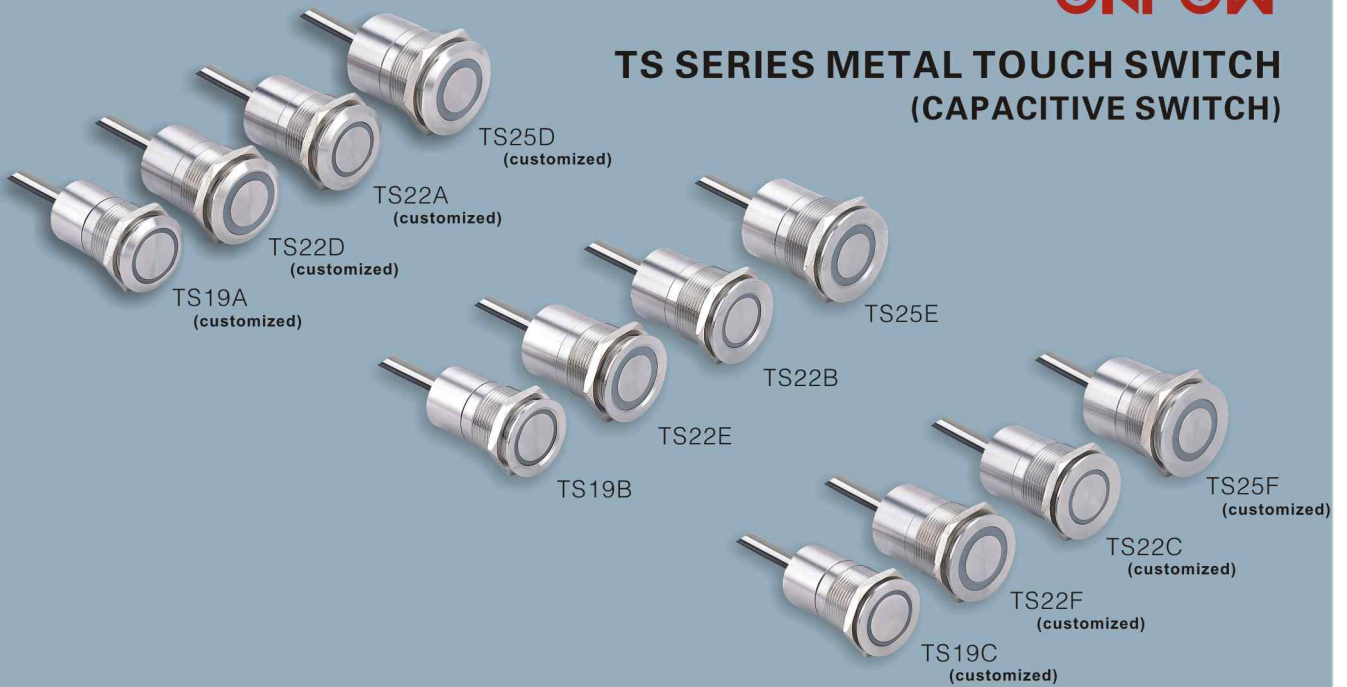


**TS SERIES METAL TOUCH SWITCH
(CAPACITIVE SWITCH)**



Features

- ★ Finger touch trigger
(can be triggered even wearing medical rubber glove)
- ★ Electrical endurance: 50,000,000 cycles
- ★ Mounting hole size: 16,19,22mm
- ★ With momentary or latching function
- ★ IP degree: IP68,IP69K
- ★ IK degree: IK10(stainless steel)
- ★ can be triggered by flowing water

Material

Button:stainless steel
other materials are made to order
Ring Diffuser:PC
Case:stainless steel
other materials are made to order
Wire gauge:UL1430 22AWG

Specification

Max. current/voltage rating: 500mA/24VDC
Operating voltage: 5VDC 12VDC 24VDC
Electrical endurance: 50,000,000 cycles
Contact Resistance: 20mΩ
Insulation Resistance: 600VDC 10MΩ
Operating temperature: -25-55℃
IK Degree: IK10(stainless steel)
Operating force: 0N

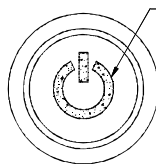
LED status:
1 LED:LED lights when the output circuit closes.
2 LED:When the output circuit open,first LED color lights
Second LED lights when the output circuit closes.

Codes for symbols are as below;
Other symbols can be made to order



Customized symbol

1 area for laser engrave symbols
2 area for illuminated symbols(need to be customized)



Part Number Description

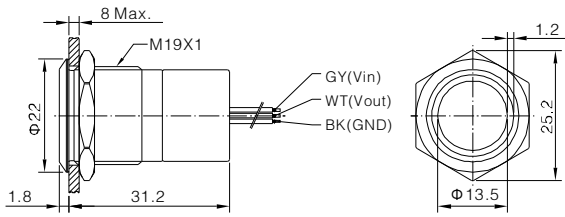
series	Mounting hole size	Operator	Electrical function	Wiring	Case material	LED Color	LED Voltage
TS	★	☆	□	□	◆	△	▲
19mm	A Standard thin ring	10 NO Momentary	Y lead (length 30cm)	SS stainless steel	Blank Non-illuminated.	Blank Non-illuminated	
22mm	B Thin ring/finger location	01 NC Momentary	NOTE:The length of lead can be made to order	NOTE: Other material and color can be made to order	1 LED single light: NR Non-illum./red NG Non-illum./green NO Non-illum./orange NB Non-illum./blue NW Non-illum./white RN red/Non-illum. GN green/Non-illum. ON orange/Non-illum. BN blue/Non-illum. WN white/Non-illum.	2 LED bi-colour light: RG red/green RB red/blue BG blue/green WO white/orange GR green/red BR blue/red GB green/blue OW orange/white	
25mm	C Thin ring/Super flat	10Z NO Latching				5VDC	
	D Standard large ring	01Z NC Latching				12VDC	
	E Large ring/finger location	10T30 NO Latching delay 30s				24VDC	
	F Large ring/Super flat	01T30 NC Latching delay 30s					
		10C30 NO Momentary delay 30s					
		01C30 NC Momentary delay 30s					

Switch Functions

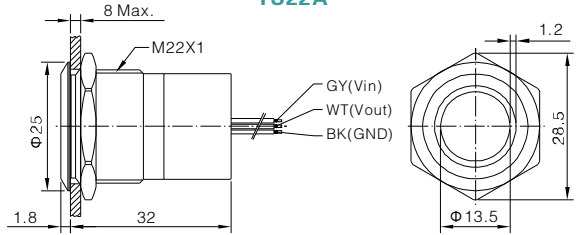
	Non-Illuminated	1 LED		2 LED	NOTE
NO-MOM					
NC-MOM					
NO-MOM Delay					<ol style="list-style-type: none"> Initial Condition:OFF;The switch is ON when finger touch the switch and OFF when finger unclaps. The switch is ON when your finger stays on the switch and change to OFF automatically after 30 seconds. Other delay time can be customized
NC-MOM Delay					<ol style="list-style-type: none"> Initial Condition:ON;The switch is OFF when finger touch the switch and ON when finger unclaps. The switch is OFF when your finger stays on the switch and change to ON automatically after 30 seconds. Other delay time can be customized.
NC-NO Latching					
NO-NC Latching					
NC-NO Latching Delay					<ol style="list-style-type: none"> Initial Condition:ON;The switch is OFF when finger touches and change to ON automatically after 30 seconds. And during the 30 seconds,the switch remains OFF no matter how your finger touches. Other delay time can be customized.
NO-NC Latching Delay					<ol style="list-style-type: none"> Initial Condition:OFF;The switch is ON when finger touches, and change to ON automatically after 30 seconds.And during the 30 seconds,the switch remains ON no matter how your finger touches. Other delay time can be customized.

Dimension

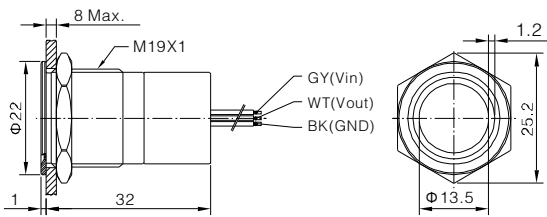
TS19A



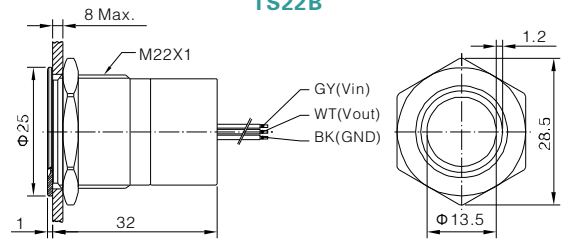
TS22A



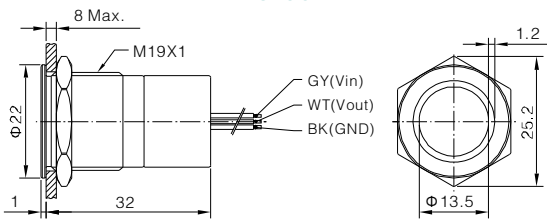
TS19B



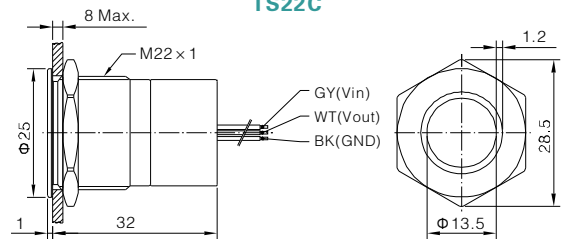
TS22B



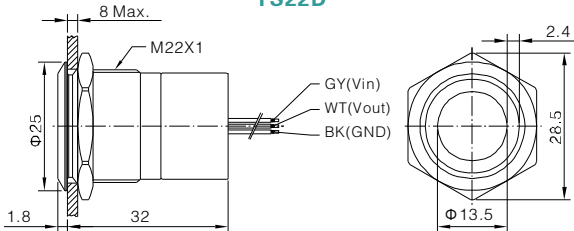
TS19C



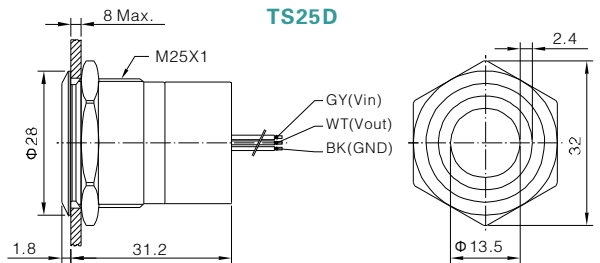
TS22C



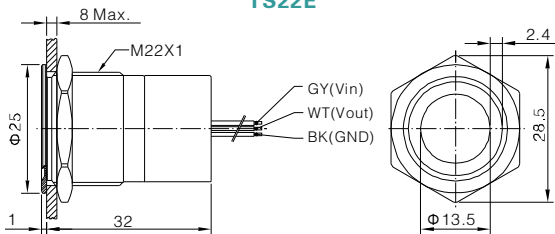
TS22D



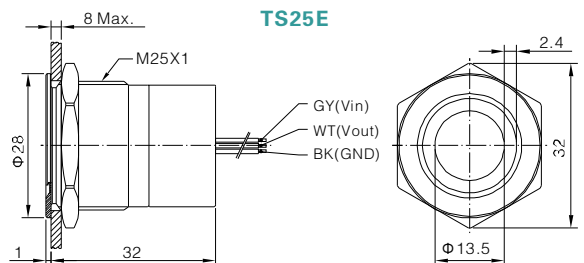
TS25D



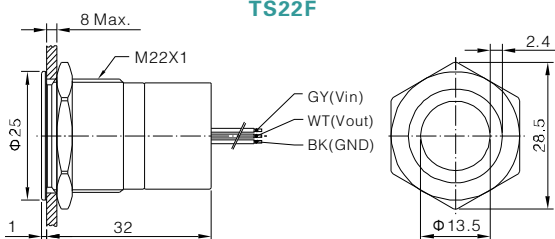
TS22E



TS25E



TS22F



TS25F

