

Metal Touch Switches

Capacitive Switches - Mounting Hole Ø19mm / Ø22mm / Ø25mm

PTS Series



SPECIFICATIONS:

CHARACTERISTICS

- > Protection Degree: IP68, IP69K
- > Anti Vandal Degree: IK10 (stainless steel)
- > Switch Rating: 500mA 24VDC Max.
- > Contact Resistance: 20mΩ Max.
- > Insulation Resistance: 600VDC 10mΩ Min.
- > Electrical Life: 50,000,000 cycles
- > Operating Temperature: -25°C to +55°C
- > Operating Force: 0 N

MATERIALS

- > Button: Stainless Steel (other materials are made by request)
- > Ring Diffuser: PC
- > Case: Stainless Steel (other materials are made by request)
- > Wire Gauge: UL1430 22AWG

LED Status

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

HOW TO ORDER:

PTS

1 MOUNTING HOLE SIZE:

- 19 19mm
- 22 22mm
- 25 25mm

2 OPERATOR:

- A Standard thin ring
- B Thin ring finger location
- C Thin ring super flat
- D Standard large ring
- E Large ring finger location
- F Large ring super flat

3 OPERATING MODE:

- NM NO Momentary
- CM NC Momentary
- NL NO Latching
- CL NC Latching
- NT30 NO Latching delay 30s
- CT30 NC Latching delay 30s
- NC30 NO Momentary delay 30s
- CC30 NC Momentary delay 30s

4 WIRING:

- blank 30cm lead (Standard)
- free text customizing length

5 CASE:

- blank Stainless Steel (Standard)
(other material and color can be made by request)

6 LED COLOR:

- N No Illumination

Single Light:

- NC Non/Red
- NF Non/Green
- ND Non/Orange
- NG Non/Blue
- NB Non/White
- CN Red/Non
- FN Green/Non
- DN Orange/Non
- GN Blue/Non
- BN White/Non

Bi-Color Light:

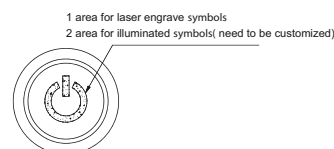
- CF Red/Green
- CG Red/Blue
- GF Blue/Green
- BD White/Orange
- FC Green/Red
- GC Blue/Red
- FG Green/Blue
- DB Orange/White

7 LED OPERATING VOLTAGE:

- 0 No Illumination
- 5 5VDC
- 12 12VDC
- 24 24VDC

8 ENGRAVING:

- A Stop
- B Start
- C Return
- D Reset
- E Vertical bar
- F Double vertical bar
- G Left arrow
- H Up arrow
- J Black square
- K Power
- L Light bulb
- M Bell
- N Customized symbol



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SWITCH FUNCTIONS:

	Non-Illuminated	1 LED		2 LED	NOTE
NO-MOM					
NC-MOM					
NO-MOM Delay					<ol style="list-style-type: none"> 1.Initial Condition:OFF;The switch is ON when finger touch the switch and OFF when finger unclaps. 2.The switch is ON when your finger stays on the switch and change to OFF automatically after 30 seconds. 3.Other delay time can be customized
NC-MOM Delay					<ol style="list-style-type: none"> 1.Initial Condition:ON;The switch is OFF when finger touch the switch and ON when finger unclaps. 2.The switch is OFF when your finger stays on the switch and change to ON automatically after 30 seconds. 3.Other delay time can be customized.
NC-NO Latching					
NO-NC Latching					
NC-NO Latching Delay					<ol style="list-style-type: none"> 1.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. 2.Other delay time can be customized.
NO-NC Latching Delay					<ol style="list-style-type: none"> 1.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. 2.Other delay time can be customized.

All specifications are restricted to QA test criteria.
DC: 20101102 MD: D.HUA APP: D.XUE DC: 2016-08-26

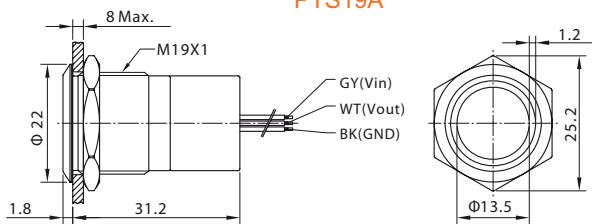
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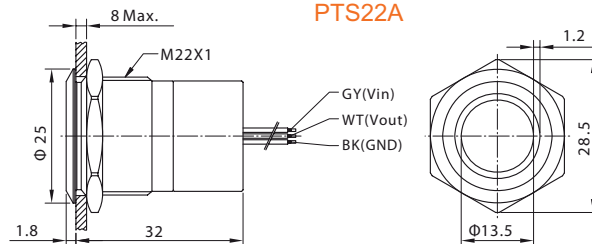
PTS Series

DIMENSION:

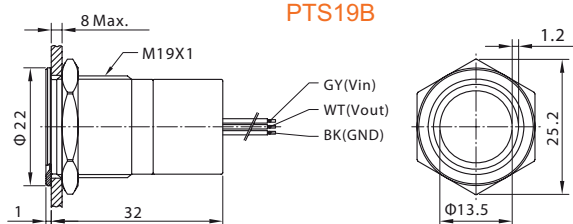
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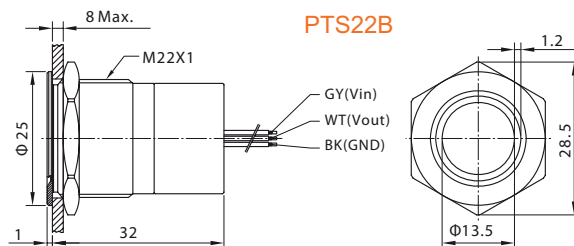
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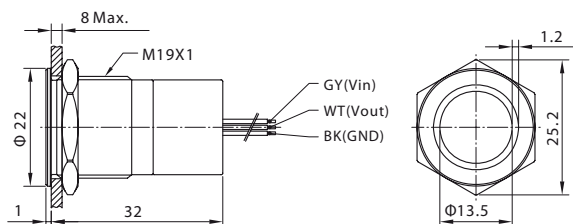
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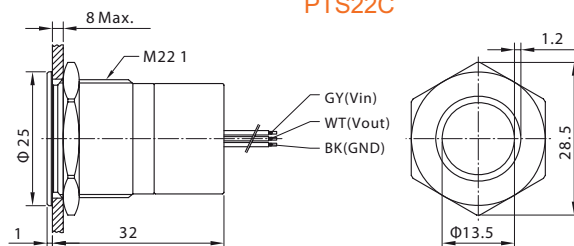
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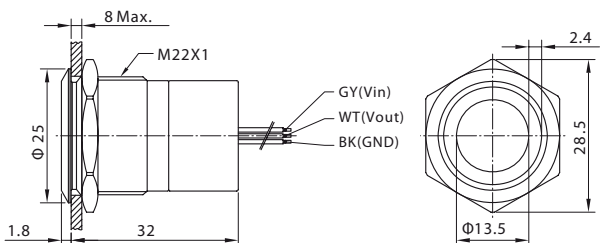
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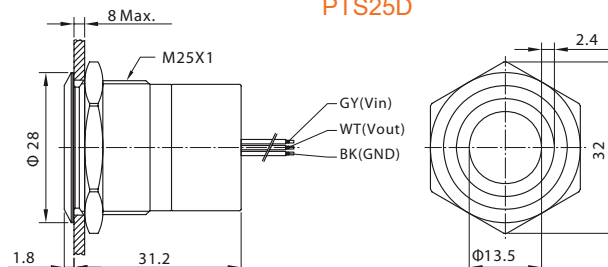
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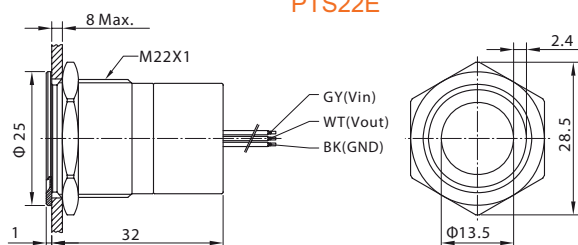
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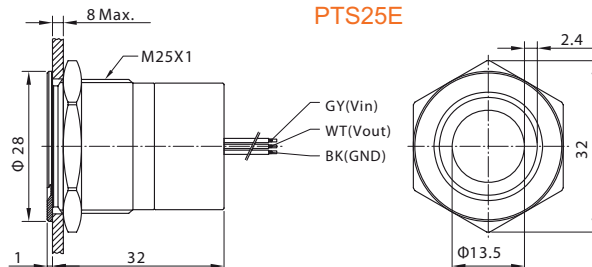
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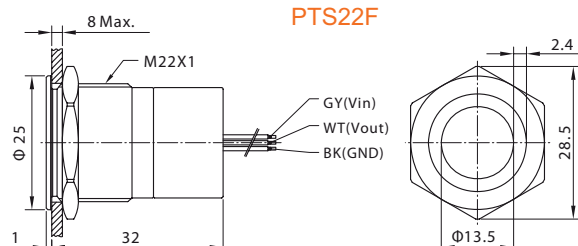
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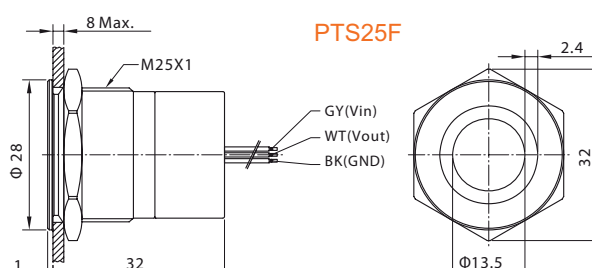
PTS25E



PTS22F



PTS25F



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