







FEATURES

Bushing diameter:

16 (.630), 19 (.748), 22 (.866) or 25(0.984)

Activated by the touch of a finger

50 million cycles

Auto-calibration function

Momentary or latching

Illuminated and Non-illuminated

The new CP series capacitive switches technology senses the touch of a finger and creates an electrical charge to activate the switches

An auto-calibration function ensures the sensor adapts to changing external environments.

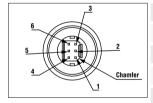
LANGIR's capacitive switches are specially designed for durability and a low activation force. As sensitive as a touch screen, the capacitive switches are perfect for industrial applications where repetitive activation can cause operator fatigue.



This switch should not be used in safety applications.



WIRING FOR SWITCH CONNECTOR



- Pin 1 : GND
- Pin 2 : output
- Pin 3:+V
- Pin 4: LED 2
- Pin 5 :
- Pin 6: LED 1



ENVIRONMENTAL SPECIFICATIONS

- . Sealing: IP68 and IP69K according to IEC 60529
- Triggered by flowing water
- Impact resistance : IK10
- Operating temperature: -20 °C to +65 °C (-4 °F to +149 °F)
- ESD: complies with EN61000-4-2 (extended) ± 8KV (20 contacts) and ± 15KV (20 air discharges)



ELECTRICAL SPECIFICATIONS

- . Max. current/voltage rating: 200 mA 24 VDC
- . Supply voltage: 5 VDC, 12 VDC or 24 VDC
- · Life expectancy: 50 million cycles
- · Power consumption non-illuminated: 7 mA
- · Power consumption illuminated: 25 mA
- . Operating force: 0 N
- · LED state for output image option :
- 1 LED: the LED is ON when the output is closed.
- 2 LEDs: first color is ON when the output is open. Second color is ON when the output is closed.
- · Output type: NPN or PNP

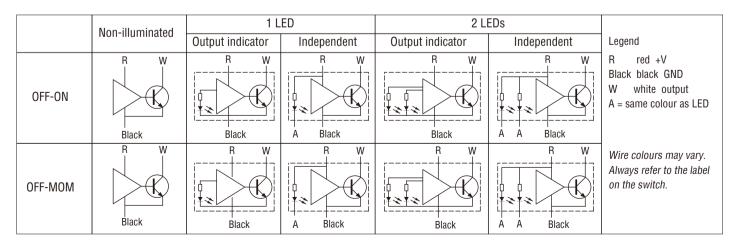


MATERIALS

- Case: aluminum, anodized or stainless steel 316L
- Multi-wire leads section 0.22 mm2 length 300 mm
- Cable, length 300 mm, section depending on switch model
- Connector: HE14 6V compatible with AMP/TYCO281839-3

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WIRING DIAGRAMS

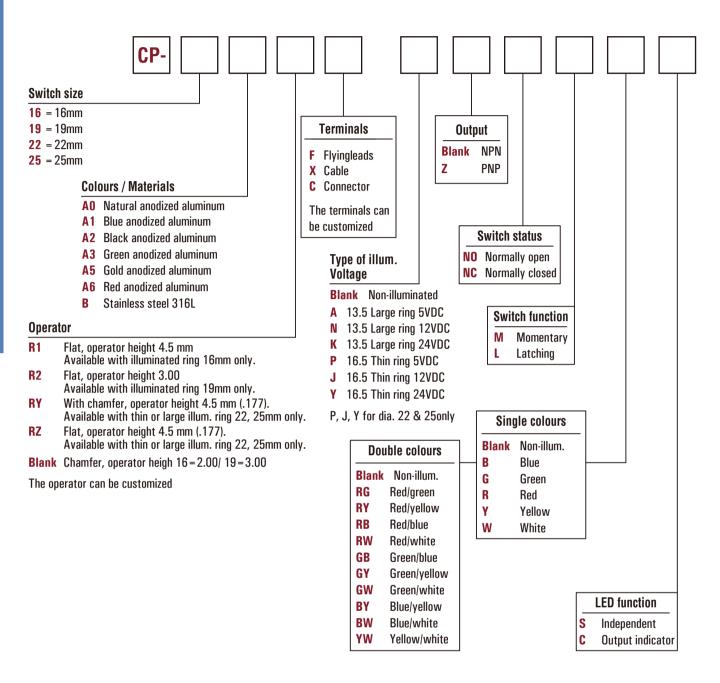


Dimensions: first dimensions are in mm while inches are shown as bracketed numbers.

Tolerance: The general tolerance for dimensions in this brochure is ± 0.3 (.012).

Dimensions, specifications and data shown in this brochure are subject to change without notice.







Mounting accessories standard hardware supplied :1 hex nut and 1 O-ring



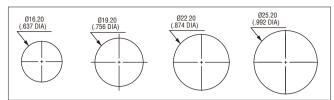
Packaging unit: 10 pieces

For options not listed above, please contact LANGIR.

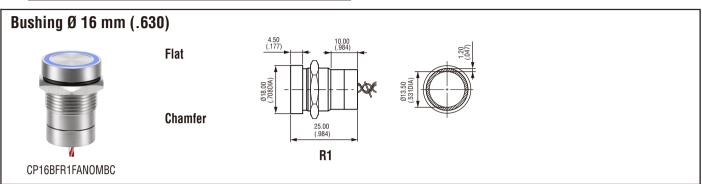
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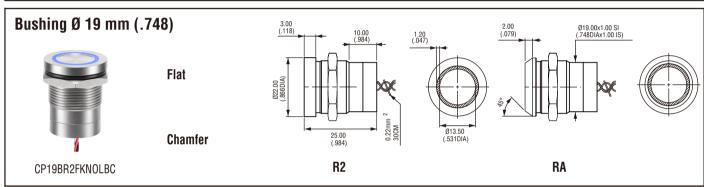
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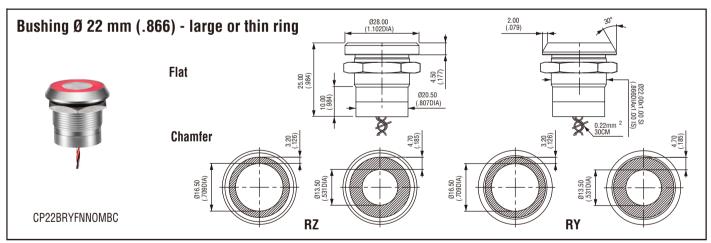


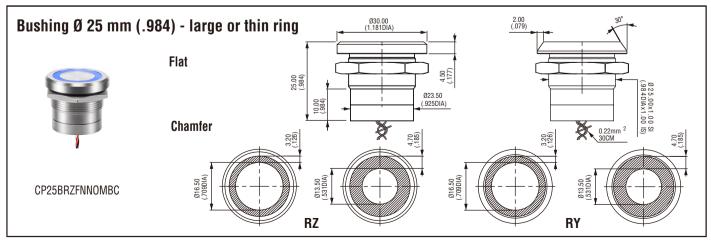


Shown with flying lead terminals.









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