

LIGHTED ALTERNATE ACTION PUSHBUTTONS

LP5
LIGHTED
PUSHBUTTONS

LED LIGHTED AND SEALED AGAINST DUST AND MOISTURE

The LP5 offers the same rugged, sealed construction as the proven P5 series with the added benefit of reliable LED illumination.

The LP5 is a precision snap action switch designed for use in Off-Highway, Material Handling, Industrial Controls, Marine, Medical and demanding Commercial applications. Choose from the standard mounting styles and electrical ratings, or contact us for custom configurations.

Offered in both sealed and non-sealed versions, the LP5 series includes the OTTO standard of quality features such as low contact resistance, long life and other features characteristic of OTTO switches.

Now you can design panels with both alternate and momentary action switches and have uniform panel appearance. The OTTO LP5 series features alternate action in the same pushbutton and housing configurations as the OTTO momentary P1 and P3 series.

Push and the P5 series switch holds "on." Push again and the LP5 switch turns "off." Positive tactile feedback is featured so the operator is clearly aware the switch mode has been executed. The button returns to the original position after each actuation.



**Raised Dome
Shown**



**"C" Case
Shown**

Quality Features:

- **Watertight to IP68. Moistureproof & dusttight to IP64 and MIL-PRF-8805 Design 2**
- **LED lighted with the ability to accommodate 2, 6, 12 & 24 VDC power and include reverse voltage protection**
- **Tall & domed styled buttons in translucent white, red and amber permitting sublimated and pad printed legends**
- **Less than 25 milliohms contact resistance**
- **Quick disconnect terminals**
- **15/32" & 5/8" thread, press-fit and domed case styles available**

Standard Characteristics/Ratings:

ELECTRICAL CIRCUIT: SPST AND SPDT

ELECTRICAL RATINGS: (at 28 VDC or 115 VAC, 60/400 Hz.)

LOAD	AMPERES
Resistive	5 amp
Inductive	3 amp
Motor	3 amp
Lamp	1 amp
Low Level	10 mA (@30mV)

Electrical Life: 25,000 cycles minimum

Seal: Moistureproof and dusttight to IP64 & MIL-PRF-8805 Design 2. Watertight to IP68

Shock: Impact shock 100 G IAW 8805

Operating Force: 3 ± 0.5 lbs.

Operating Temperature Range: -55°C to + 85°C

MATERIALS:

Case: Aluminum anodized black and clear

Button: Thermoplastic

Mounting: Hexnut, Lockwasher, and Panel Seal Gasket

Terminals: Faston quick disconnect, suitable for soldering
Standard silver-plated with optional gold plating for low level applications

LP5 Part Number Code

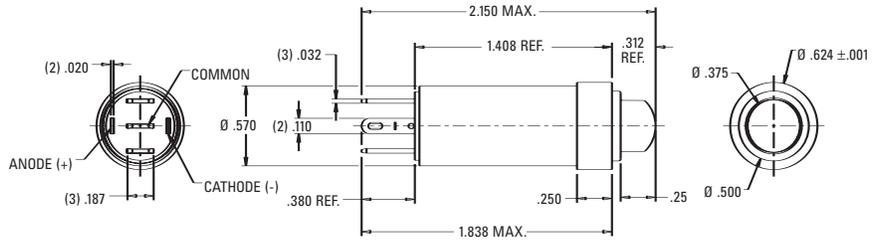
Size	Case Style	Circuit Rating	Light Source Type* w/Rev. Pol. Protection	Seal Level	Case Color	Button Color	Legend Style
5. P5 Size	E. Exposed Dome	0. Indicator Light	A. 2V Red LED	1. Unsealed	1. Silver	A. Amber, Translucent (Use Amber LED)	Refer to Legend Table on Page 83 for Legend Codes. Legends Will Be Printed In White On Amber & Red, Buttons And In Black On White Buttons.
L. Indicator Light	F. Flush Dome	1. SPST/Std.	B. 2V Green LED	2. Dusttight	2. Black	R. Red, Translucent (Use Red LED)	
	R. Raised Dome	2. SPDT/Std.	C. 2V Amber LED	3. Watertight		W. White, Translucent	
	1. Press-Fit Mount	3. SPST/Low Level	D. 6V Red LED			Stop Here for lighted switches without legends.	
	3. 5/8" Thread Front Mount	4. SPDT/Low Level	E. 6V Green LED				
	4. 15/32" Thread Rear Mount		F. 6V Amber LED				
	6. 5/8" Thread Rear Mount		G. 12V Red LED				
			H. 12V Green LED				
			J. 12V Amber LED				
			K. 24V Red LED				
			L. 24V Green LED				
			M. 24V Amber LED				

* For super bright LEDs contact factory.

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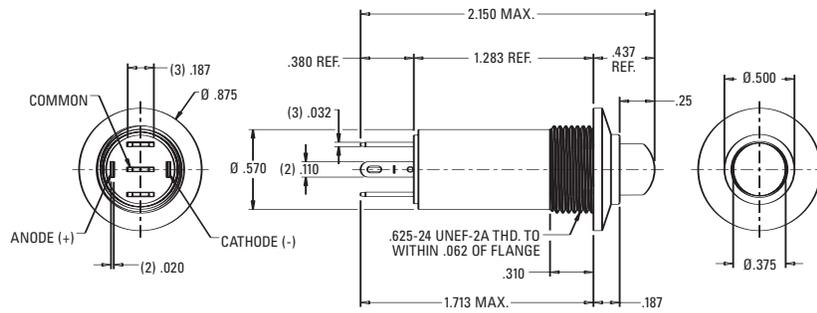
LP5-1

Alternate Action, Press Fit Mount



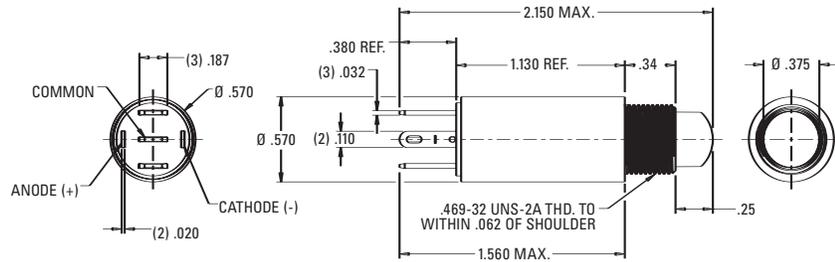
LP5-3

Alternate Action, 5/8" Threaded Front Mount



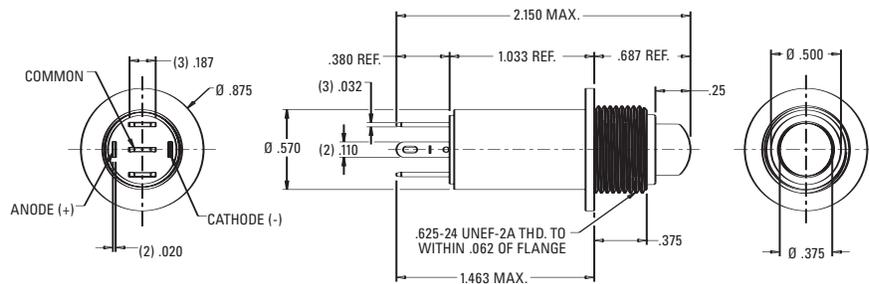
LP5-4

Alternate Action, 15/32" Threaded Rear Mount



LP5-6

Alternate Action, 5/8" Threaded Rear Mount



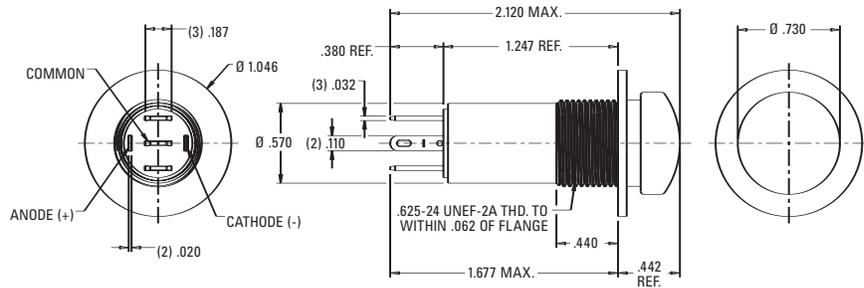
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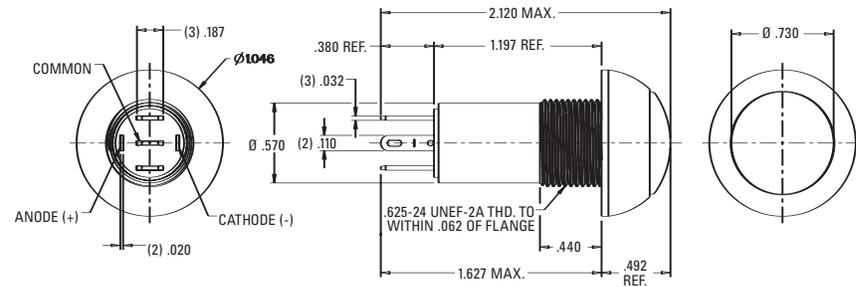
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PUSHBUTTONS

LP5-E
Alternate Action, Exposed Dome Button



LP5-F
Alternate Action, Flush Dome Button



LP5-R
Alternate Action, Raised Dome Button

Light term .110
Switch term .187 (Not Shown)

