LIGHTED AND SEALED PUSHBUTTONS

COMMERCIAL GRADE LED LIGHTED AND SEALED AGAINST DUST AND MOISTURE

The LP3 offers rugged, sealed construction with the added benefit of reliable LED illumination.

The LP3 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.

On sealed models, a silicone boot operating on our patented "rolling sleeve" principle protects the contact area against contamination at the button area. This boot provides long life and smooth operation over a wide temperature range. Sealed terminals protect the contact area from hostile environments and solder flux on both sealed and unsealed models.

High contact pressure, amazingly low (25 milliohms maximum, standard) contact resistance and extremely low contact bounce are all the result of the OTTO patented snap-action mechanism. Extra long electrical life and precise trip point offer added value and precision operation.

Quality Features:

- Watertight to IP68. Moistureproof and dusttight to IP64 & M8805 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:

Standard Gnaracteristics/natings.									
ELECTRICAL CIRCUIT: SPST-NO Double-break, SPST-NC									
Double-break, and SPDT Double-break.									
ELECTRICAL RATINGS: (at 28 VDC or 115 VAC, 60/400 Hz.)									
	LOAD	AMPERES							
	Resistive	5 amp							
	Inductive	e 3 amp							
	Motor	3 amp							
	Lamp	1 amp							
	Low Leve	10 mA (@30mV)							
Electrical Li	fe:	25,000 cycles minimum							
Seal:		Moistureproof and dusttight to IP64 & M8805 Design 2, Watertight to IP68							
Shock:	nock: Impact shock 100 G IAW 8805								
Operating Force:		2.5 ± 1.5 lbs. and 5 ± 1.0 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 * with watertight version only.							
Terminals:		Faston quick disconnect, suitable for soldering Standard silver-plated with optional gold plating for low level applications							

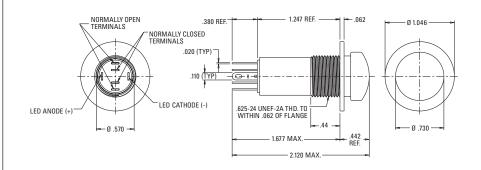
LP3 Part Number Code									
	X X nt Source Type* v. Pol. Protection	X X Seal Level	X / Operate Force	X X Case Color	Button Color	Legend Style			
E. Exposed Dome 1. SPST N.O./Std. F. Flush Dome 2. SPST N.C./Std. R. Raised Dome 3. SPDT 2-Circuit/Std. 1. Press-Fit Mount 4. SPST N.O./Low Level	A. 2V Red LED B. 2V Green LED C. 2V Amber LED D. 6V Red LED	 Unsealed Dusttight Watertight 	2. 2.5 lb 5. 5 lb	1. Silver 2. Black	A. Amber, Translucent (Use Amber LED) R. Red, Translucent (Use Red LED)	Refer to Legend Table on page 83 for Legend Codes. Legends Will Be			
3. 5/8" Thread Front Mount 5. SPST N.C./Low Level 4. 15/32" Thread Rear Mount 6. SPDT 2-Circuit/Low 6. 5/8" Thread Rear Mount Level	E. 6V Green LED F. 6V Amber LED G. 12V Red LED				W. White, Translucent Stop Here for lighted	Printed In White On Amber & Red, Buttons And In			
	H. 12V Green LED J. 12V Amber LED K. 24V Red LED				switches <u>without legends.</u>	Black On White Buttons.			
	L. 24V Green LED M.24V Amber LED	* For super br	ight LEDs con	tact factory.		i ! ! !			

LIGHTED AND SEALED PUSHBUTTIONS

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Momentary, Exposed Dome Button

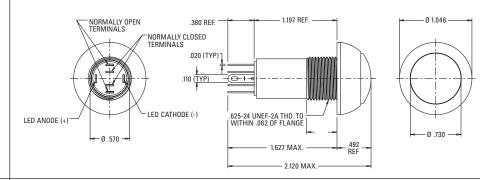


NOTE:

For indicator light only, see LP5 series

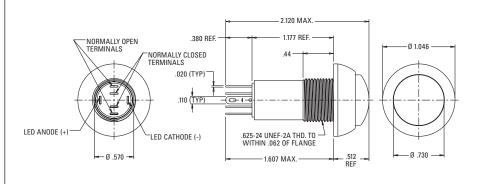
LP3-F

Momentary, Flush Dome Button



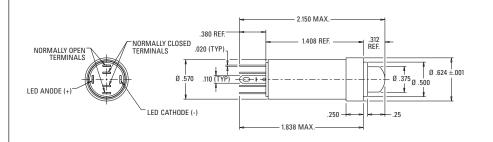
LP3-R

Momentary, Raised Dome Button



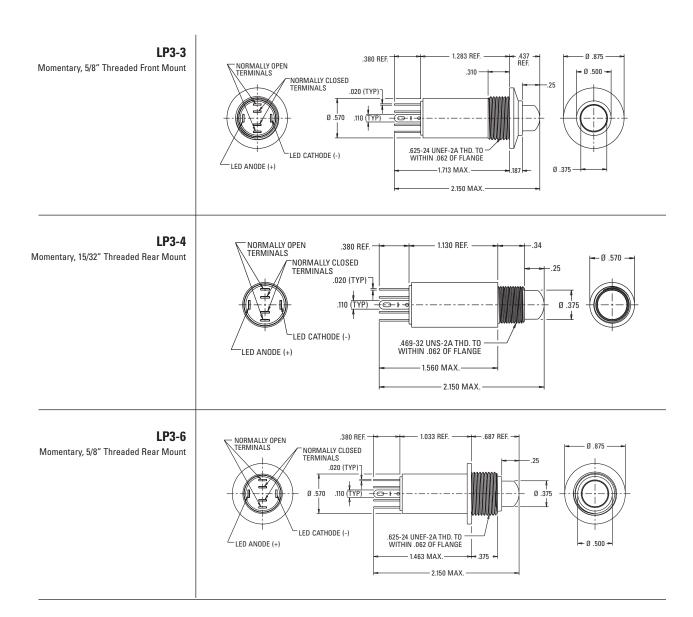
LP3-1

Momentary, Press-fit Mount



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