

RING ILLUMINATED—STAINLESS STEEL CASE AND BUTTON

The Illuminated Vandal Series LP3-V & LP5-V have been designed to provide attractive, lighted position indication for applications in harsh environments, where security and reliability are paramount. The series features both aluminum and stainless steel cases with IP68, one meter submersion ratings.

These high reliability switches offer the durability and ruggedness our customers have come to expect with the added benefit of illumination. They are ideal for Marine, Off-Highway and Industrial Control applications that require an illuminated switch.

These switches offer positive tactile feedback, less than 25 milliohms contact resistance, and a variety of LED colors available in both flat and domed actuator bezel shapes.

Quality Features:

- **Security (aluminum) and Vandal Proof (stainless steel) case and button**
- **Ring illuminated**
- **Watertight to IP68**
- **RoHs compliant**
- **Less than 25 milliohms contact resistance**
- **High and low profile button option**
- **Variety of LED colors**
- **Drop in replacement to the P8-V series**



STANDARD CHARACTERISTICS/RATINGS:

MATERIALS:

Case:	Stainless Steel/Aluminum
Button:	Center Cap Satinless Steel/Aluminum
Seal:	Dusttight per MIL-PRF-8805 and Splash Proof per IP64 Watertight per IP68S 1 meter

ELECTRICAL:

Electrical Ratings: Sea Level

LOAD	28 VDC	115 VAC
Resistive	5 Amps	5 Amps
Inductive	3 Amps	3 Amps
Lamp	1 Amp	1 Amp
Motor	3 Amps	3 Amps

DWV: 1050 Vrms

Electrical Life: 25,000 cycles

LIGHT SOURCE VOLTAGE (DC)	ACTUAL VOLTAGE NOMINAL (DC)	VOLTAGE MAXIMUM (DC)
2	2	2.6
6	7	8
12	13.5	14.5
24	28	28.6

MECHANICAL:

Total Travel: .080 max

Overtravel: .010 min

Operating Force: 2.5 or 5.0lbs

Mechanical Life: 250,000 cycles at ambient and +85°C
25,000 cycles at -55°C

Light Vandal LP3-V Part Number Matrix

Type	Case Style	Circuit Rating	Light Source Type w/ Rev. Pol. Protection	Seal Level	Operate Force	Case/Center Cap Color	Button Profile
V. Stainless	1. 5/8-24 & Hex Nut	1. SPST N.O. / STD	A. 2V Red LED	2. Dusttight	2. 2.5 Lbs.	1. Silver	1. High Profile Flat Button
A. Aluminum	2. 5/8-24 & Knurl Nut	2. SPST N.C. / STD	B. 2V Green LED	3. Watertight	5. 5 Lbs.	2. Black*	2. High Profile Curved Button
	3. 5/8-24 W/D—Flat & Hex Nut	3. SPDT 2-CIRCUIT / STD	C. 2V Amber LED				3. Low Profile Flat Button
	4. 5/8-24 W/D—Flat & Knurl Nut	4. SPST N.O. / LOW LEVEL	D. 6V Red LED				4. Low Profile Curved Button
	5. 3/4-20 & Hex Nut	5. SPST N.C. / LOW LEVEL	E. 6V Green LED				5. Flush Profile Flat Button
	6. 3/4-20 & Knurl Nut	6. SPDT 2-CIRCUIT / LOW LEVEL	F. 6V Amber LED				
	7. 3/4-20 W/D—Flat & Hex Nut		G. 12V Red LED				
	8. 3/4-20 W/D—Flat & Knurl Nut		H. 12V Green LED				
			J. 12V Amber LED				
			K. 24V Red LED				
			L. 24V Green LED				
			M. 24V Amber LED				
			N. 2V Blue LED				
			P. 6V Blue LED				
			Q. 12V Blue LED				
			R. 24V Blue LED				

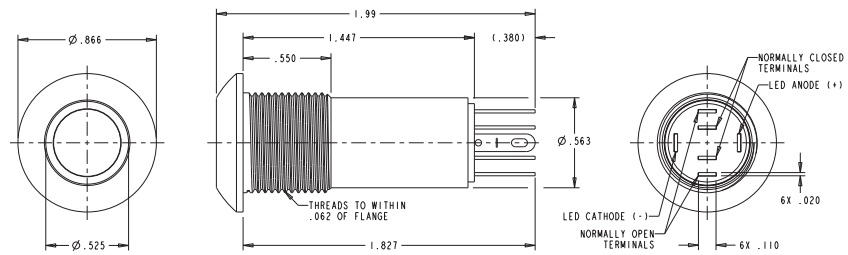
Note: Contact factory for additional LED lighting options

ILLUMINATED VANDAL-PROOF PUSHBUTTON

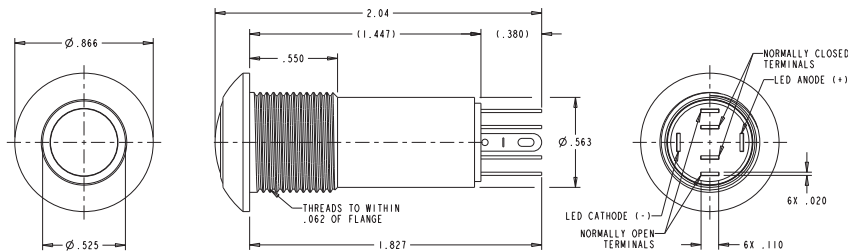
LP3-V
ILLUMINATED
VANDAL PROOF
PUSHBUTTON

RING ILLUMINATED—STAINLESS STEEL CASE AND BUTTON

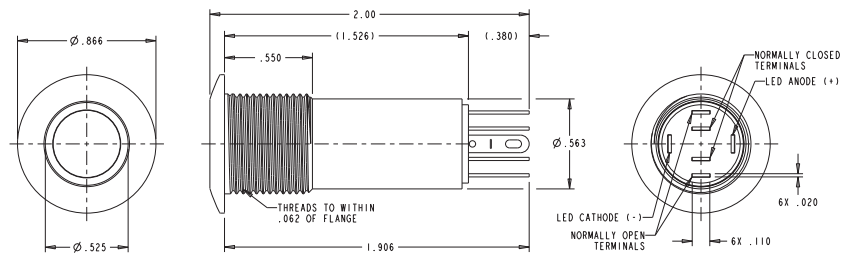
LP3-1
High Profile Flat Button



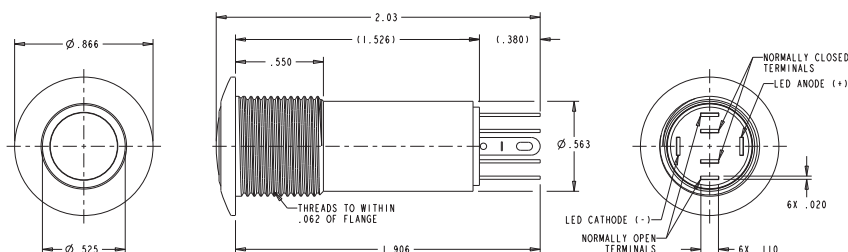
LP3-2
High Profile Curved Button



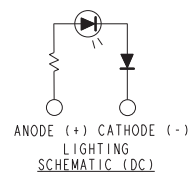
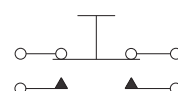
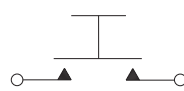
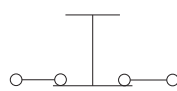
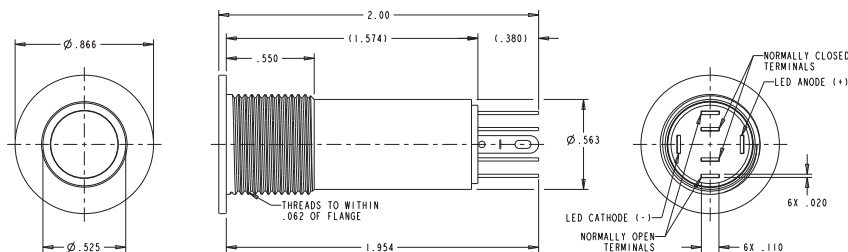
LP3-3
Low Profile Flat Button



LP3-4
Low Profile Curved Button



LP3-5
Flush Profile Flat Button



Mouser Electronics

Authorized Distributor

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OTTO:

LP3-V13K3212