

# NON ILLUMINATED SWITCHES

## PV SERIES: SUB-MINIATURE PUSHBUTTON SWITCHES



### FEATURES

- Ideally suited for portable instrumentation, miniature test equipment and compact consumer electronics
- PCB mounting – 2.5mm pitch
- Terminals sealed against ingress of flux
- Switches can be momentary, alternate or interlocking
- 2, 4 or 6 pole versions
- Shorting or non-shorting contacts

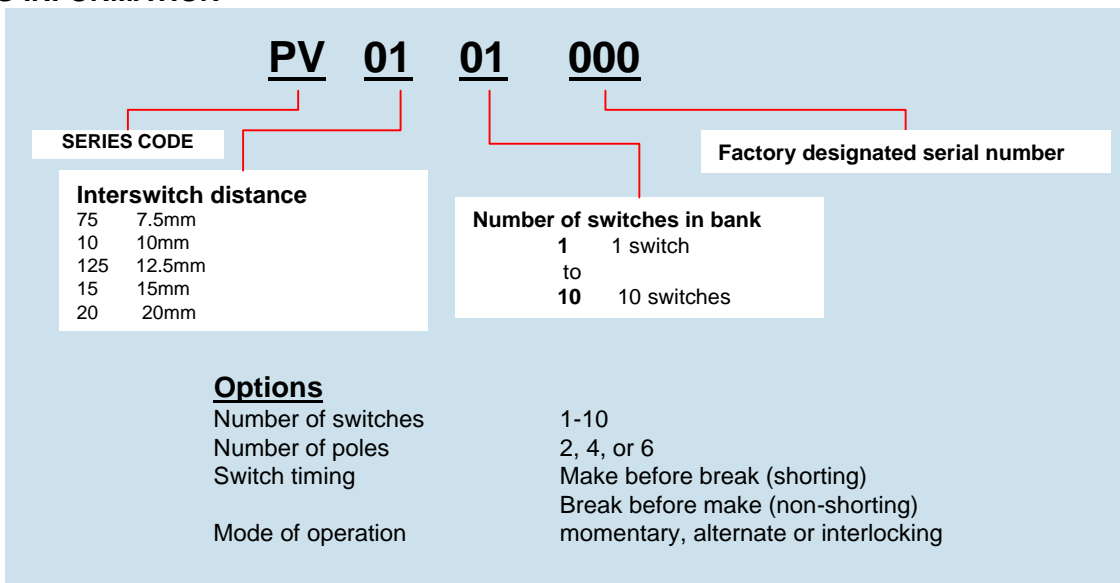
### DESCRIPTION

A series of extremely small switches designed for low current applications such as portable test equipment, instrumentation or other compact devices. They are provided in banks of up to 10 switches with a selection of inter switch spacings. Switch operation may be momentary, alternate, interlocking or a combination of all three.

### SPECIFICATIONS

<b>Electrical</b>		<b>Terminal strength</b>	500g for 1 minute
Rating	30V DC 100mA	Actuator strength	5kg for 15 seconds (in direction of movement) 2.5kg for 15 seconds (at right angles to actuator)
Contact Resistance	<20m $\Omega$ at 5V DC, 1A or 1 KHz		
Insulation Resistance	1000M $\Omega$ min @ 500V DC		
<b>Mechanical</b>			
Operating Life	10,000 operations		
Operating Temperature	-10°C to +60°C		
Operating Force	2 POLE 1.6N +/- 1.0N 4 POLE 2.2N +/- 1.0N 6 POLE 3.0N +/- 1.0N		

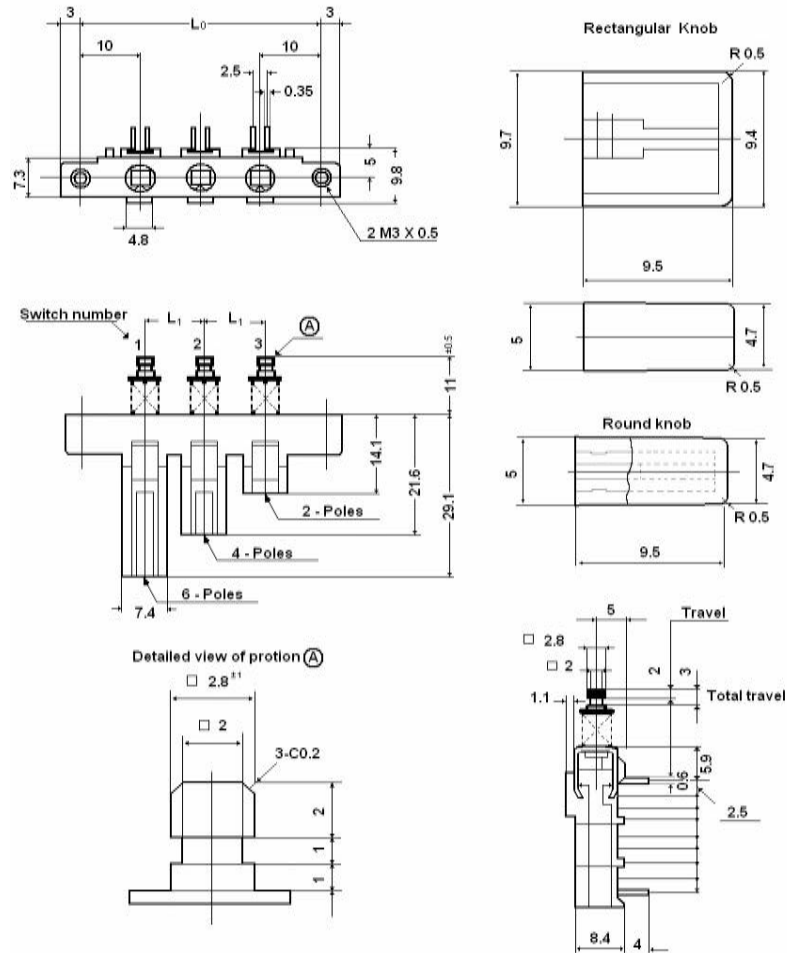
### ORDERING INFORMATION



# NON ILLUMINATED SWITCHES

## PV SERIES: SUB-MINIATURE PUSHBUTTON SWITCHES

### DIMENSIONS



All measurements are in mm. Tolerance +/- 0.3mm unless shown. This leaflet is believed to contain the best information at time of printing, but is subject to change without notice.

### BLOCK LENGTH (L?) mm NUMBER OF SWITCHES IN BLOCK

	1	2	3	4	5	6	7	8	9	10
7.5		27.5	35	42	50	57.5	65	72.5	80	87.5
10	20	30	40	50	60	70	80	90	100	110
12.5		32.5	45	57.5	70	82.5	95	107.5	120	132.5
15		35	50	65	80	95	110	125	140	155
20		40	68	80	100	120	140	160	180	200

INTER SWITCH  
SPACING L<sup>1</sup>



Devlin Electronics Limited ,Unit D1, Grafton Way, Basingstoke, Hants, RG22 6HZ, England

Telephone 01256 467367 email sales@devlincomponents.co.uk Website www.devlincomponents.co.uk