



Gamesman

GPB330 Push Button

Product Specification

Issue 02: Date 02.10.2015



Disclaimer:

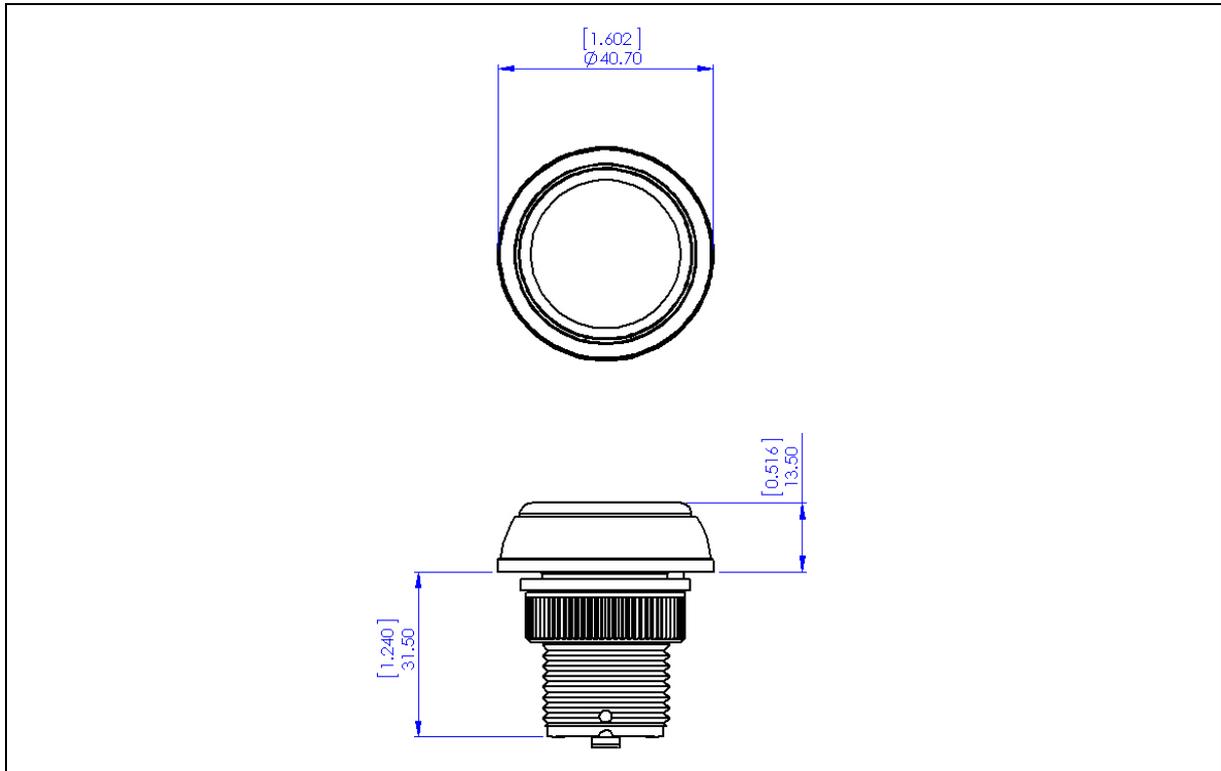
The information provided within this product specification is intended only to make the reader aware of the product's technical data and its use thereof. As such, Gamesman Ltd shall not be held liable for any loss or damage to the assembly or component within, arising from its misuse or from the unintended use of information or particulars included within, or any omission from, this document.

Design and specifications are subject to change without notice.

Failure to observe the interface requirements specified in this document may result in damage to the electronics and resultant performance characteristics of the product.

1. Product Dimensions

a) General Dimensions

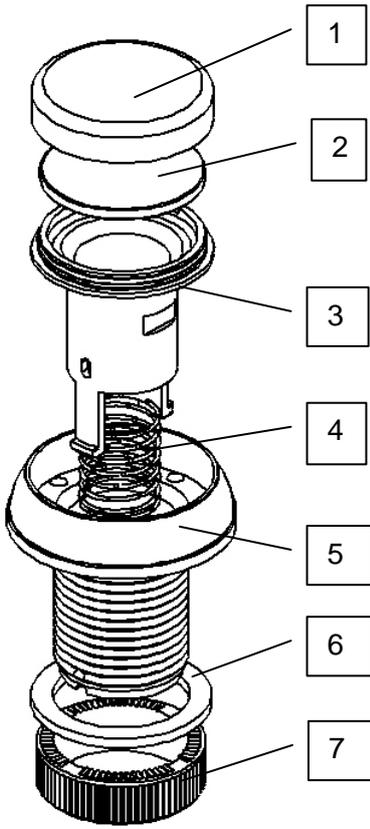


b) Insert Dimensions

c) Panel Cut out Details

<p>Technical drawing of a circular insert with a diameter dimension of $\Phi 28.50$ MAX and a tolerance of $[1.122]$.</p>	<p>Technical drawing of a panel cut out with dimensions: $\Phi R24.20$ with a tolerance of $[0.476 -0.000, -0.004]$, a distance of 11.75 ± 0.05 with a tolerance of $[0.463 \pm 0.002]$, and a radius of $R3.25$ with a tolerance of $[0.128 \pm 0.004, \pm 0.10]$.</p>
<p>Insert Material – Acetate sheet or similar. Insert Thickness – 0.2mm [0.008"] Minimum – 0.25mm [0.010"] Maximum Circular insert to be adhesive backed</p>	<p>Panel thickness with standard nut: 1.50mm Minimum - 20.0mm [0.787"] Maximum Panel thickness with Long Nut : 10.00mm [0.394"] Maximum</p>

2. Product Identification

	No.	Part Number	Description	Material	UL94 Rating
	1	G3-347	Lens	Polycarbonate See Note 1.	HB
	2	G4-439	Legend Plate	Opal Polycarbonate	V2
	3	G3-348	Plunger	Opal POM	HB
	4	G4-330	Spring	Spring Steel	N/A
	5	Various	Dual Shot Bezel Single Shot Bezel	Polycarbonate See Note 1.	V2
	6	G4-163	Washer	ABS	HB
	7	G4-145 *	Std. Nut	ABS	HB

Note 1. Component is available in various colours/colour combinations, see specification sheet for the options. Minimum Order Quantities may apply.

* See section 4 – Accessories for an alternative long nut.

3. Product Compatibility – [Specification options GPB330 Spec Sheet.xls](#)



a) Switch Connection Systems

<p>System S</p>		
<p>System JA – Standard Circuit</p>		
<p>System JC – NO Diode Circuit</p>		
<p>System RGB The below LED and Lamp Solutions do not apply to this switch system.</p>		

b) LED Solutions



Volts	Colour
12v	White
12v	Blue
6.3v	White
3.3v	White

c) Lamp Solutions – T-3¼ - 10mm Lead Free Wedge Base Lamps

Volts	Current (mA)	Light Output (Lm)	Life (Hrs)
12v 0.1A	100	5.0	5,000
12v 2CP	200	22.6	1,000
24v 2CP	95	13	5,000

*All values are nominal

4. Accessories

<p>For an alternative long nut for quick release, please order Gamesman Part Number G3-589. If you would prefer the long nut to be supplied with the push buttons, please specify in the comment section of the specification sheet.</p>	
<p>Nut Runner Tool for tightening to the recommended torque – please order Gamesman Part Number G3-499.</p>	

5. Specification Sheet

[Specification options GPB330 Spec Sheet.xls](#)



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