



SERIES: PBM13 | DESCRIPTION: PUSH BUTTON SWITCH

FEATURES

- stainless steel
- locking
- 22 mm
- IP67
- illuminated



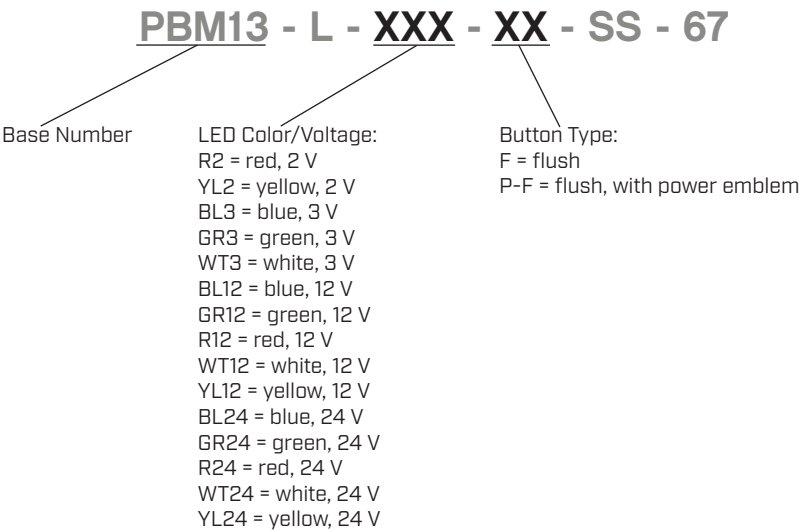
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage				36 250	Vdc Vac
rated current	Vdc Vac			2.0 5.0	A A
withstanding voltage	for 1 minute		1,000		Vac
contact resistance				50	mΩ
insulation resistance	at 500 Vdc	100			MΩ
operating force		400	600	800	gf
actuator travel		2.3	2.8	3.3	mm
operating temperature		-25		70	°C
life	electrical mechanical		20,000 200,000		cycles cycles
hand soldering	for 3±0.5 seconds	345	350	355	°C
RoHS	yes				
IP level	IP67				

LED SPECIFICATIONS

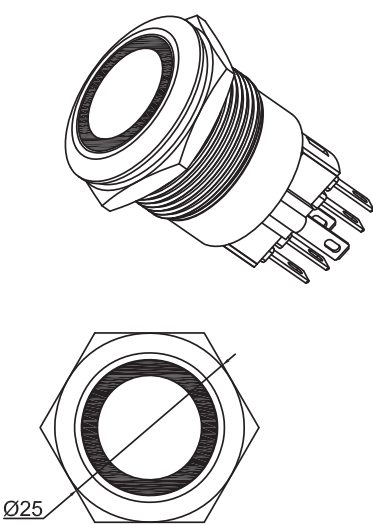
parameter	conditions/description	min	typ	max	units
forward voltage (Vf)	at If=15 mA				
	red [2 V]	1.8	2.0	2.4	V
	yellow [2 V]	1.8	2.0	2.4	V
	blue [3 V]	2.8	3.0	3.4	V
	green [3 V]	2.8	3.0	3.4	V
	white [3 V]	2.8	3.0	3.4	V
	blue [12 V]	5.0	12	13.0	V
	green [12 V]	5.0	12	13.0	V
	red [12 V]	5.0	12	13.0	V
	white [12 V]	5.0	12	13.0	V
	yellow [12V]	5.0	12	13.0	V

PART NUMBER KEY

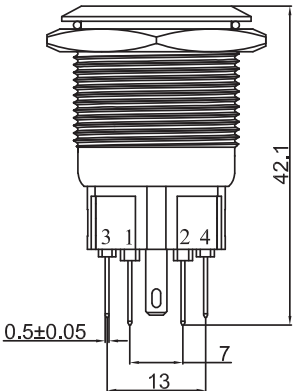
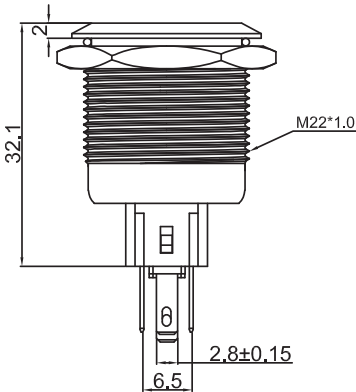


MECHANICAL DRAWING (FLUSH, ILLUMINATED)

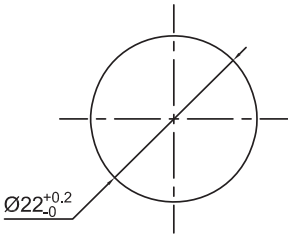
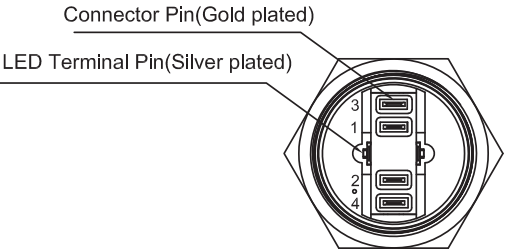
units: mm
tolerance:
X≤5.0: ±0.2 mm
5.0<X<30.0: ±0.5 mm
X≥30.0: ±1.0 mm
unless otherwise noted
panel thickness: 10.0 mm max



DESCRIPTION	MATERIAL	PLATING/COLOR
housing	stainless steel	---
actuator	stainless steel	---
switch terminals	brass	gold
LED terminals	brass	silver
nut	brass	nickel
base	PA66 (UL94HB)	blue & red



ACTUATOR POSITION LOCKING	
NORMAL	DOWN
OFF	ON
SCHEMATIC	
1 ●	2 ●
3 ○	4 ○
ON(1-2)	
FREE	
1 ○	2 ○
3 ●	4 ●
ON(3-4)	
LOCK	

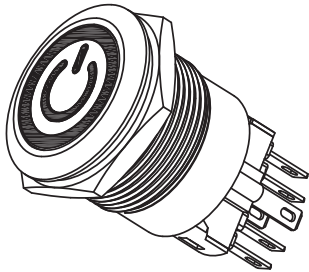


Recommended Panel Cutout

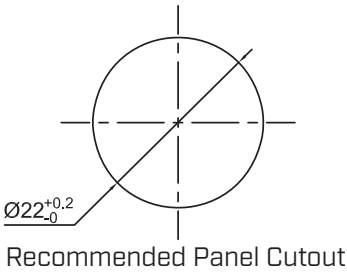
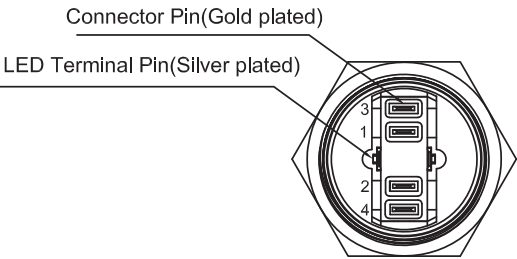
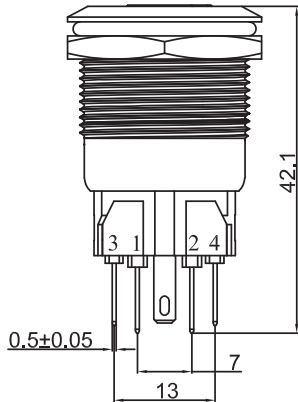
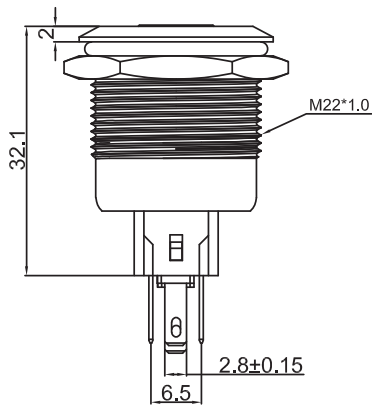
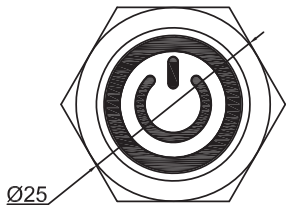
LED Table	
Model	2~24 V LED
Polarity	

MECHANICAL DRAWING (FLUSH, ILLUMINATED WITH POWER EMBLEM)

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3 ○	4 ○
ON(1-2) FREE	
1 ○	2 ○
3 ●	4 ●
ON(3-4) LOCK	

LED Table	
Model	2~24 V LED
Polarity	

REVISION HISTORY

rev.	description	date
1.0	initial release	09/02/2026

The revision history provided is for informational purposes only and is believed to be accurate.



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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