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same sky

Additional Resources: Product Page

SERIES: PBM13 | DESCRIPTION: PUSH BUTTON SWITCH

FEATURES

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



RoHS IP67

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 I_F=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

PBM13 - L - XXX - XX - SS - 67

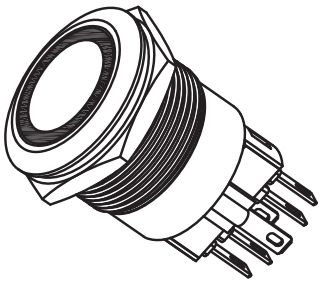
Base Number

LED Color/Voltage:
R2 = red, 2 V
YL2 = yellow, 2 V
BL3 = blue, 3 V
GR3 = green, 3 V
WT3 = white, 3 V
BL12 = blue, 12 V
GR12 = green, 12 V
R12 = red, 12 V
WT12 = white, 12 V
YL12 = yellow, 12 V
BL24 = blue, 24 V
GR24 = green, 24 V
R24 = red, 24 V
WT24 = white, 24 V
YL24 = yellow, 24 V

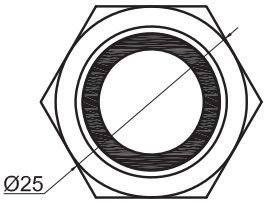
Button Type:
F = flush
P-F = flush, with power emblem

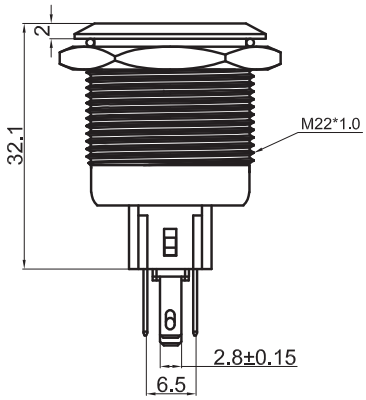
MECHANICAL DRAWING (FLUSH, ILLUMINATED)

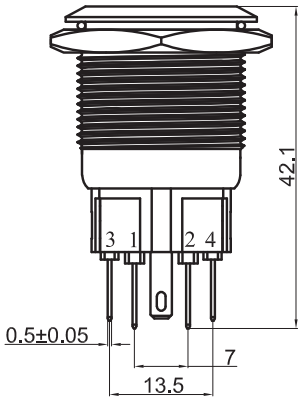
units: mm
tolerance:
X≤5.0: ±0.2 mm
5.0<X<30.0: ±0.5 mm
X≥30.0: ±1.0 mm
unless otherwise noted
panel thickness: 10.0 mm max



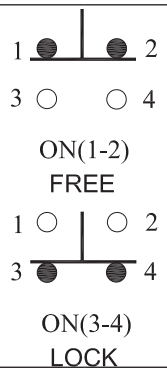
DESCRIPTION	MATERIAL	PLATING/COLOR
housing	stainless steel	---
actuator	stainless steel	---
switch terminals	brass	gold
LED terminals	brass	silver
nut	brass	nickel
base	PA66 (UL94HB)	blue & red

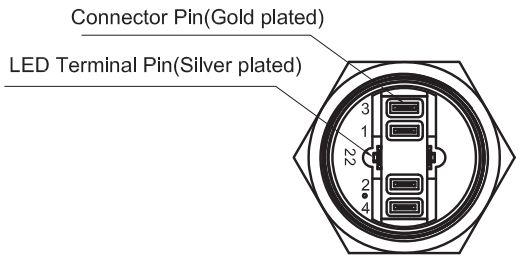


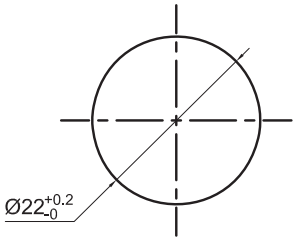




ACTUATOR POSITION LOCKING	
NORMAL	DOWN
OFF	ON
SCHEMATIC	





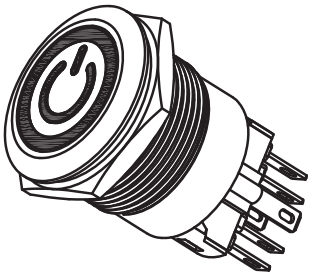


Recommended Panel Cutout

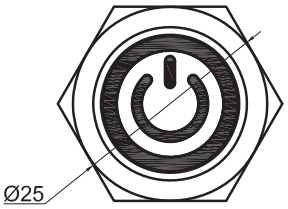
LED Table	
Model	2~24 V LED
Polarity	

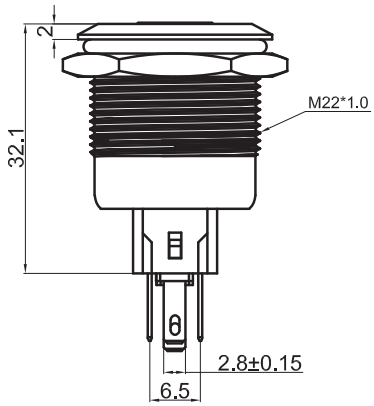
MECHANICAL DRAWING (FLUSH, ILLUMINATED WITH POWER EMBLEM)

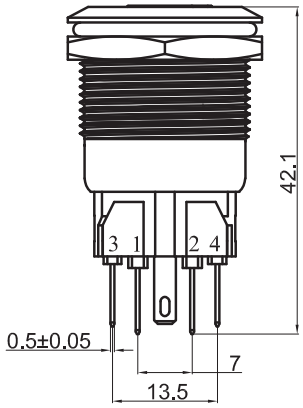
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panel thickness: 10.0 mm max



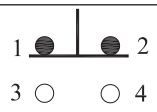
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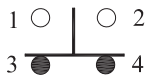




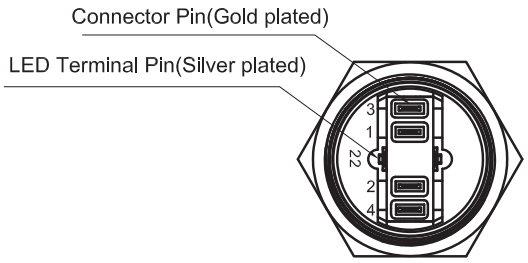
ACTUATOR POSITION LOCKING	
NORMAL	DOWN
OFF	ON
SCHEMATIC	

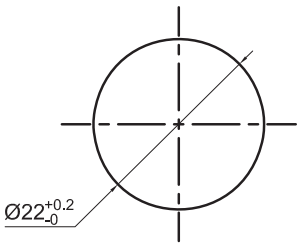


ON(1-2)
FREE



ON(3-4)
LOCK





Recommended Panel Cutout

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

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

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