TACTHILL by Kynoppe

BPSI Series

SENSITIVE PUSH BUTTONS • PIEZOELECTRIC TECHNOLOGY



DISTINCTIVE FEATURES

piezoelectric technology

IP68 & IP69K

fully illuminated button surface

ELECTRICAL CHARACTERISTICS

Max current: 0.2A (standard), 1A (optional)
Operating voltage: 1 to 24 Vac/dc
Contact type: OFF-(ON)
Electrical life: 50 million cycles
LED consumption:

	12V	24V
Red	18mA	18mA
Green	9mA	9mA
Blue	27mA	16mA

MECHANICAL CHARACTERISTICS

Actuation force: 3-5N
Pulse duration: 125-300 msec

Materials:
Body: POM
Actuator: POM
Wires (F): multi-core AWG26, 30cm
Cable (C): 1m

ENVIRONMENTAL CHARACTERISTICS

Operating temperatures: -20°C to +70°C
Degree of protection: IP68 and IP69K per IEC60529
Impact resistance: IK06

GENERAL CHARACTERISTICS

Cut-out diameter: 22.2 mm

IDEAL FOR...

Showers & Spas & Pools | Car wash | Marine | Medical | and so much more!



CE Reach friendly RoHS

ORDER GUIDE

Family	Diameter	Material	Connection	Lighting	Version	Contact	Function	LED Colour
BPSI	2	P	F	N	1	NO	M	G

Panel Cut-out Diameter

2	dia. 22mm

Body Material

P	White Plastic

Connection

F	Wire Output - AWG26 30 cm
C	Cable Output - 1 m

Lighting Type

N	Backlighting, 12Vdc
K	Backlighting, 24Vdc

Version

1	200mA, 24Vac/dc
2	1 A, 24Vac/dc

Contact Type

NO	Normally Open

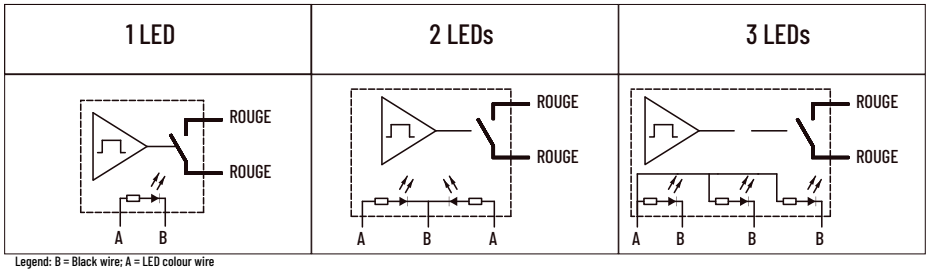
Actuation

M	Momentary 1-(2)

LED Colour

R	Red
G	Green
B	Blue
RB	Red / Blue
RG	Red / Green
RGB	Red / Green / Blue

ELECTRICAL DIAGRAMS



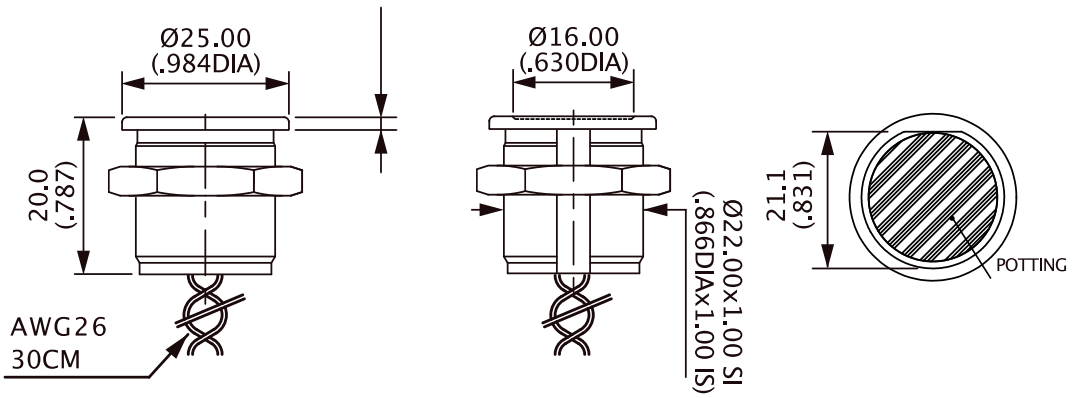
Legend: B = Black wire; A = LED colour wire

Possible colour combinations with RGB LED:



DIMENSIONS





ABOUT THIS SERIES

Our push buttons are supplied as standard with a nickel-plated brass hexagonal nut and a sealing gasket.

⚠ SOME CONFIGURATIONS MAY NOT BE AVAILABLE OR MAY BE SUBJECT TO A M.O.Q.

FOR ALL YOUR CUSTOM REQUESTS, CONTACT US !
sales@kynoppe.com