EPI50 30mm Illuminated Piezo Switch

30mm	∅ 33.5mm	17.5mm	IP68	LED	

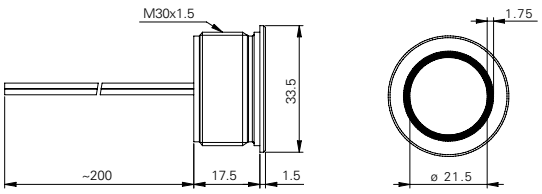
Specification

Termination	20cm flying leads
Switching function	Momentary
Configuration of poles	Single
Maximum load	100mA, 35VDC, 24VAC
LED voltage	See ordering information
Contact resistance	100mΩ
Insulation resistance	> 10^9Ω
Operating temperature	-40°C to +50°C
Ingress protection	IP68 (EN 60529)
Duty cycle	1,000,000 (min)
Operating force	< 5N
Nut mounting torque	~ 2.5Nm
Panel thickness	0.5mm to 13.0mm
Body & button material	See ordering information
ESD resistance	-

Product Dimensions

All dimensions in mm

Flat

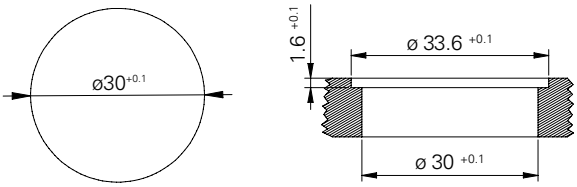


ENGELKING

Circuit Diagram

Form A

Mounting Dimensions



Wiring Instructions

- Switch wire
- Switch wire
- Ground wire for LED
- LED colour wire for +LED

Ordering Information

Material
AN: Natural annodised aluminium
AR: Red annodised aluminium
AB: Blue annodised aluminium
AY: Yellow annodised aluminium
AG: Green annodised aluminium
AS: Black annodised aluminium
V2: Stainless steel[1]
V4: Stainless steel[2]

LED Colour
GN: Green
RD: Red
YL: Yellow
BL: Blue
WH: White
GR: Green/red
BR: Blue/red
GB: Green/blue
BW: Blue/white

LED Voltage
00: No resistor
12: 12 volt
24: 24 volt

EPI50 / ☐ / F / R / ☐ / ☐ / M / S / L2

[1] 1.4305
[2] 1.4404

Tel: +49 (0)7464 9865 0 Email: info@engelking.de www.engelking.de

ENGELKING