

# Data Sheet

**core module:**  
push buttons

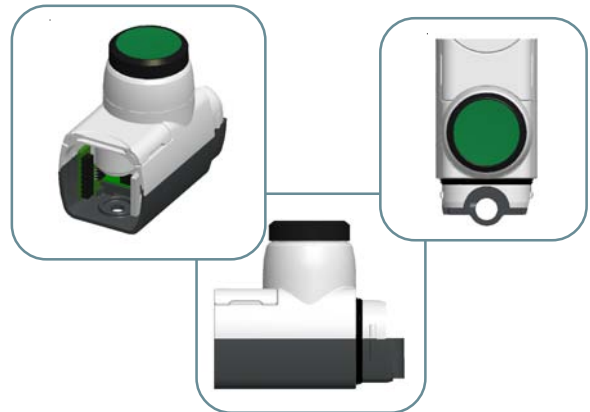


Total Access & Control

eGard offers "Total access & control". The innovative modular design allows configurations of purely safety gate switches, purely trapped key interlocks, purely machine control stations or any combinations of all three.

## description:

flat push button module for machine control.



## push buttons options:

flat



PG PB PR PW

flat illuminated



P1 P2 P3 P4

40 mm mushroom - non latching



MB MR MG

40 mm mushroom - latching



M1 M2

part number

part number

[www.fortressinterlocks.com](http://www.fortressinterlocks.com)

# Technical Data

## core module: push buttons



### technical specification

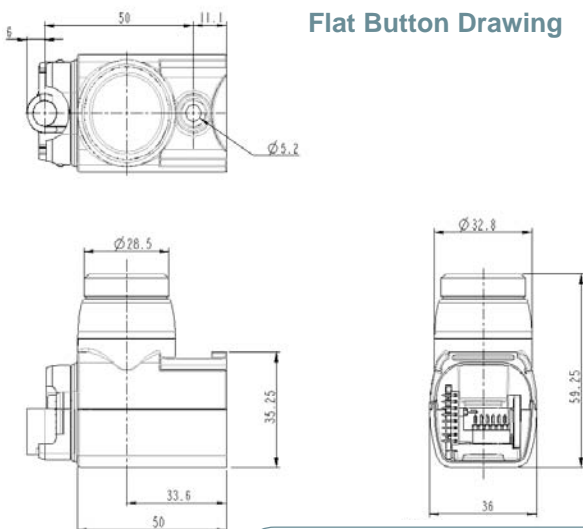
Housing Material	PBT
Colour	Light Grey & Dark Grey
Ingress Protection (complete configuration)	IP65
Mechanical Life	1000000 Operations
Electrical Life	1000000 Operations
Maximum Frequency of Operations	1000 per hr
Ambient Temperature	-5°C to + 40 °C
Switches Conformance	IEC 60947-5-1
Switching Contact Element	1 NO
Switching Current	Refer to base module spec
Switching Voltage	Refer to base module spec
Contact Material	90% Silver and 10% Nickel

### Push Button Module Input Outputs

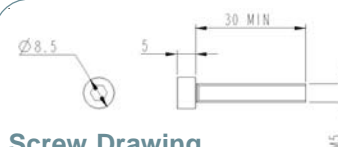
Part Number	Module	Input (1)	Output (0)	Order of pin assignment from base to head	Module operates on safety circuits
PG,PB,PR,PW	Flat Push Buttons	0	1	-	0
P1-P4	Illuminated Push Buttons	1	1	Input (LED) assigned first for P1-P4	0
M1-M2, MB,MR, MG	Mushrooms	0	1	-	0

\*For further information on eGard configuration rules please click [here](#)

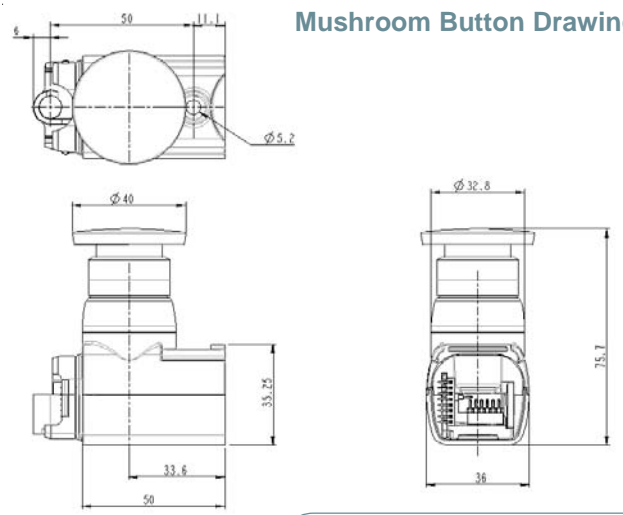
### Flat Button Drawing



### Screw Drawing



### Mushroom Button Drawing



### Screw Drawing

