



Micro push button switch 145MG... night/function illumination M12 thread

Micro push button switch 145MG with function and night illumination is equipped with M12 thread with locknut. This Micro push button switch is designed for applications in which only low currents flow and a mechanical switch cannot therefore be used. Micro push button switch 145MG, with the two-colour illumination function, is ideally suited for use in the automotive engineering sector, e.g. in joystick handles or armrests. The switching element, which is completely separated from the mechanics, resists dust, dirt and moisture, thanks to its IP67 protection class.

Product characteristics:

- 2 illumination colours can be controlled
- Long service life thanks to the magnetic actuation principle
- Available with various button colours and symbols to suit the application
- Wear-free reed contacts for low switching currents
- 2.5mm button stroke
- IP67 protection class for harsh operating conditions
- Optionally available with NAMUR wiring
- Can be connected with various common connectors e.g. Molex or AMP

Technical drawing

IMAGE 1/1

Electrical data

Attribute	145MG...
Max. switching voltage	24 V DC
Max. switching current	0.1 A
Max. switching power	1 W
Max. switching power	1 VA

Mechanical data

Attribute	145MG...
Service life, mechanical (Cycles)	2000000

Material information

Attribute	145MG...
Housing material	PI
Actuator/handle material	Lexan 8B38
Nut material	PBT GF30
Gaiter material	CR50

Environmental conditions

Attribute	145MG...
Protection class, electronic	IP67 DIN EN 60529
Operating temperature min.	-40 °C
Max. operating temperature	85 °C
Min. storage temperature	-40 °C
Max. storage temperature	85 °C

Installation

Attribute	145MG...
Installation	from above
Mounting type	screwed
Thread	M12

Connection

Attribute	145MG...
Cable length	0.5 m