



Micro push button switch 145MA

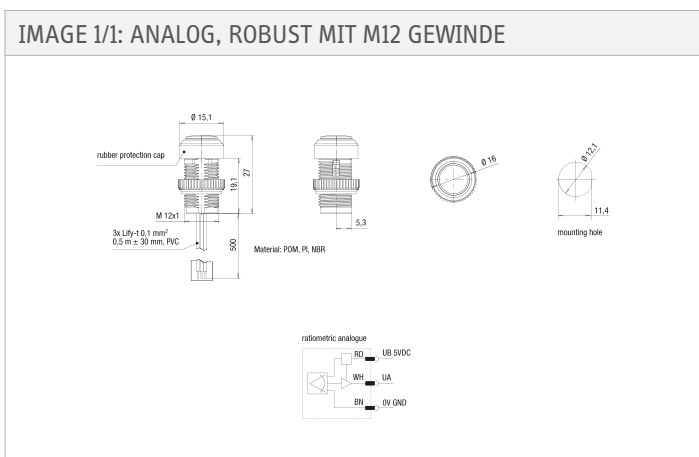
The analogue Micro push button switch 145MA was developed for harsh environmental conditions and is equipped with an M12 thread. This micro push button switch is designed for applications where a simple on/off switch function is not sufficient and a linear output signal is required.

This push button is ideal for controlling moving devices on machines and systems or hydraulic valves in mobile machinery. The switching element, which is completely separated from the mechanics, resists dust, dirt and moisture, thanks to its IP67 protection class.

Technical specifications

- 0.5...4.5 V DC analogue output at 5 ± 0.5 V DC operating voltage
- Output signal can optionally be adapted within the voltage ranges
- Contactless function through shielded Hall element
- Various push button colours and symbols are available
- Developed for harsh operating conditions with internal electronics sealed to IP67 protection class

Technical drawing



Electrical data

Attribute	145MA...
Output signal min.	0.5 V DC
Output signal max.	4.5 V DC
Output signal	analogue
Operating voltage min.	4.5 V DC
Operating voltage max.	5.5 V DC
Current consumption	max. 15 mA
Technology	Hall

Environmental conditions

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

Connection

Attribute	145MA...
Cable length	0.5 m