

The **SWX four-way switch** represent an innovative new approach that provides great tactile feedback, guided direction feel, and long service life.

SWX has many different mounting options, further the switch element is encapsulated, providing protection in demanding environments. Due to the small depth behind panels, the SWX can easily be fitted in handles and armrest assemblies.

Quick connection by electrical connector. As an option to rear panel nut, a panel trim accessory is available to enable front mounting.

Low profile 4-way switch



Overview

- Designed for use in vehicles and mobile machinery
- Can be used from 0.02-35Vdc power supply
- Operating ambient temperature -40 - +70°C



Guided direction feel

Four-way guided direction feel for enhanced user experience and precise control.

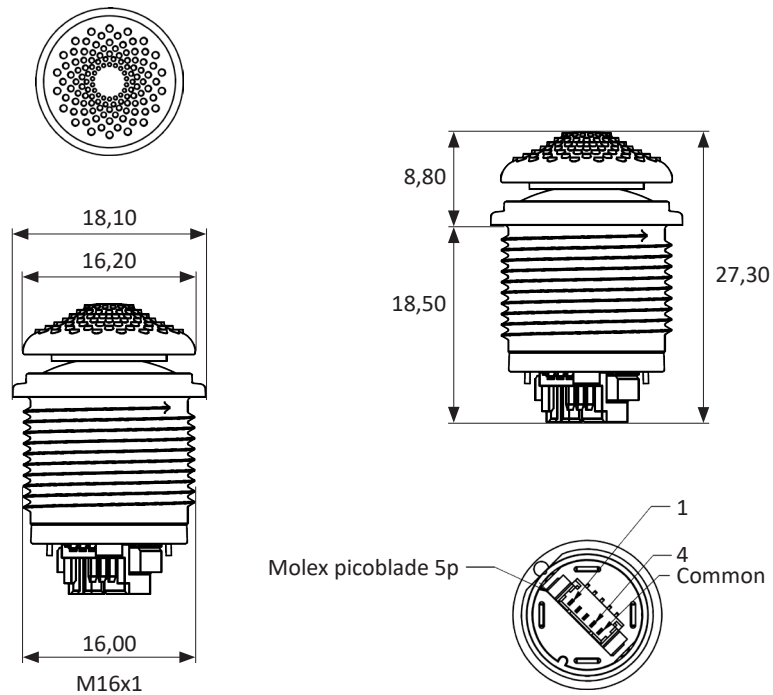


Panel mount option

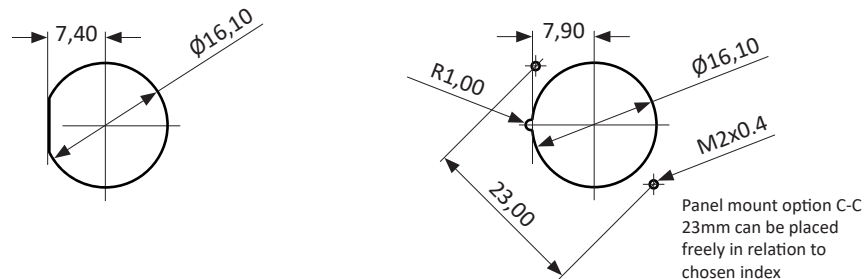
An optional panel ring makes assembly and exchange possible from the outside.



Measures & connectors



Mounting option & dimensions



Characteristics

- Distinct tactile feedback in all four directions
- Compact and durable
- Multiple assembly options
- Supplied with panel ring and nut to cover both fastening from outside and inside panel
- Connection options:
 - Molex connector picoblade
 - Customized solutions

Electrical characteristics

Parameter	Condition	Min.	Typ.	Max.	Unit
Operational voltage		0.02		35	V _{DC}
Power max (ohmic load)				1	W
Current		0.01		100	mA
Contact material			Au		
Contact type/direction			1NO		

Technical data

Parameter	Unit
Actuation force	2.5N, Return to center
Stroke	+8 degrees in X & Y direction
Mechanical guide model	+ limiter
Button pull off strength minimum (new)	50N pull
Mounting hole	16.1mm
Operating temperature	-40 - +70 °C
Life span (cycles per direction)	1 million
Panel thickness ¹	0 - 7mm
Housing material	PA
Actuator material	PA
Threaded outer body	M16x1

Note: 1. Depending on index type used

