



PTR HARTMANN

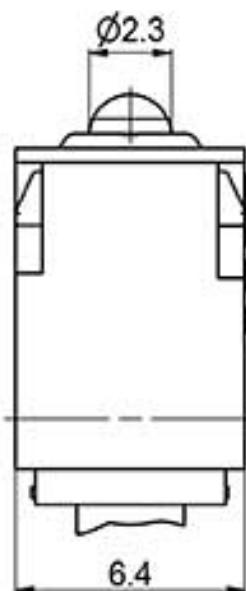
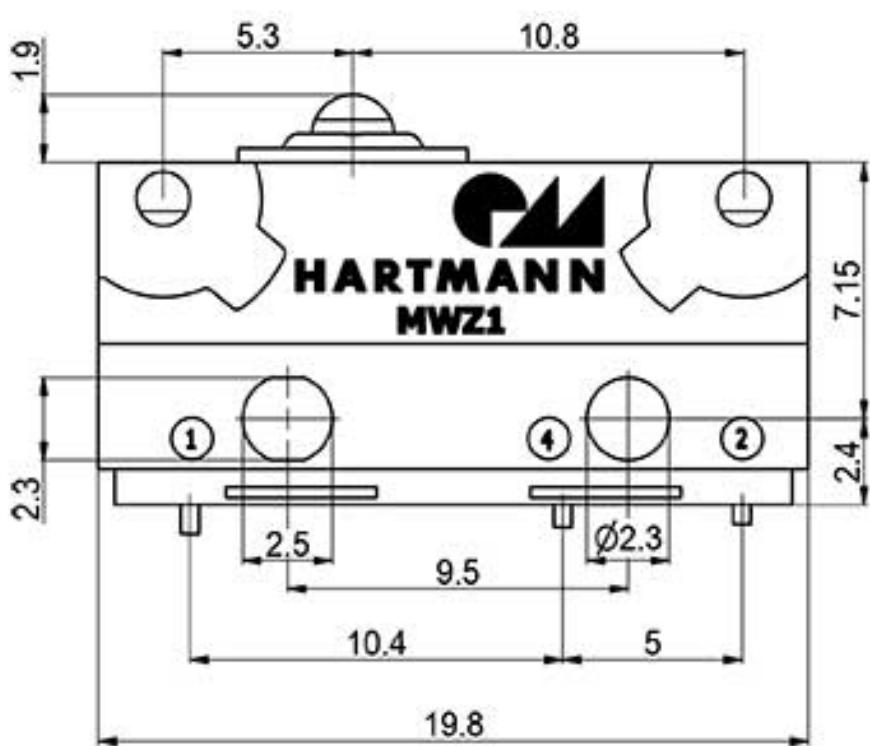
A Phoenix Mecano Company

MWZ1 NON WIRED VERSION



- Micro switches design B acc. to DIN 41635
- Waterproof design acc. IP67
- Many actuator and terminal variations available
- Functional final inspection and testing
- Solid design
- High-quality materials
- Very exact switching position

Micro switches, also known as snap action switches, are primarily used as limit switches, but are also suitable for many other industry applications. The actual switching speed is completely independent from the speed of operation. ISO 9001 approved production together with 100% functional final inspection and testing guarantee reliable operation. These products reflect our long standing experience in design and production of high quality switches.



Mechanical Data	Material	Other Data
Length	19.8 mm	
Width	6.4 mm	
Height	9.55 mm	
Mechanical lifetime	min 1.000.000 actuations	
Electrical lifetime	min. 50.000 actuations, depending on switching capacity	
Movement differential	see know how - Overview Actuators Travel Forces	
Pre-travel	see know how - Overview Actuators Travel Forces	
Overtravel	see know how - Overview Actuators Travel Forces	
Operating position	see know how - Overview Actuators Travel Forces	
Contact opening	< 3.0 mm (μ)	
Wave soldering	Double Wave acc. DIN EN 61760-1:2006	

Mechanical Data	Material	Other Data
Housing	PA66-FR50	
Cover	PA66-FR50	
Actuator	PBT	
Pin plating	CuZn, Ag plated	
Contacts	AgNi	
Contact spring	stainless steel	
Actuator sealing	Methyl-Vinyl Silicone-rubber	
Contact sealing	epoxy resin	

Mechanical Data	Material	Other Data
Approvals	cURus	