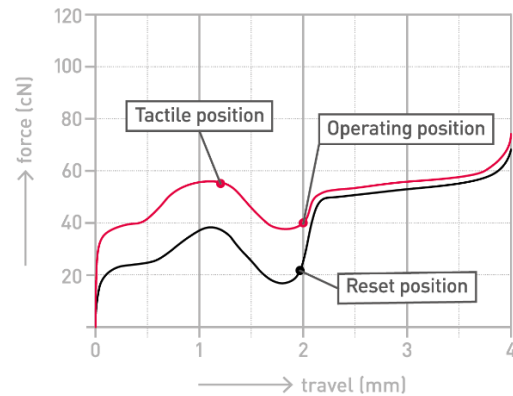


CHERRY MX ERGO CLEAR RGB

MX1A-H1NA/B



High-precision CHERRY MX switch with noticeable, tactile feeling

Original CHERRY MX is the world's leading precision technology for mechanical key switches. The CHERRY Gold Crosspoint contact concept and the unprecedented production quality "Made in Germany" are unique. MX inside ensures unrivalled quality, precision and reliability.

Key benefits:

- Engineered and Made in Germany
- CHERRY MX Ergo Clear switch:
 - With tactile pressure point, key stroke with noticeable tactile feedback
- Safe and long-lasting reliability of switching performance and characteristics
- High-precision mechanical key switch based on the MX standard
- Clear top & milky bottom housing
- World exclusive CHERRY Gold Crosspoint technology
- Short bounce time for high switching frequency (such as for fast typing)
- Self-cleaning contacts
- Switch resistant to dust and dirt
- Over 50 million keystrokes with no loss of quality

Technical Data:

• Switch Type:	MX Mechanical Switch
• Fastening:	See attached table
• Protection class:	IP40
• Operation characteristics:	tactile
• Switching voltage:	5V
• Dielectric strength:	500V / 50Hz
• Durability:	> 50 million actuations
• Contact configuration:	Single-pole contact
• Actuator travel:	4 mm
• Pretravel:	2 mm
• Initial force:	35 cN
• Actuation force:	40 cN
• Pressure point force:	55 cN
• Bounce time:	typically < 1ms
• Minimum lead spacing:	16 mm
• Lighting:	SMD LED can be mounted directly on the PCB (not included in the module), opening for SMD LED in the base
• Insulation materials:	Thermoplastics
• Spring:	Stainless steel
• Contacts:	High-quality gold alloy

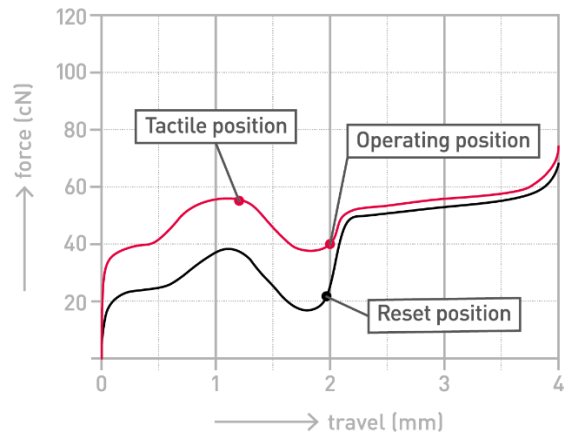
Cherry assumes no responsibility or liability for any errors or omissions in the content of this document. The information contained in this document is provided on an "as is" basis with no guarantees of completeness, accuracy, usefulness, or timeliness

Models:

	Order Number	Description	Fastening
1	MX1A-H1NA	Cherry MX Ergo Clear RGB	Snap fastening in frame
2	MX1A-H1NB	Cherry MX Ergo Clear RGB	Fixation pins in the PCB

CHERRY MX ERGO CLEAR

MX1A-H1NN/W



High-precision CHERRY MX switch with noticeable, tactile feeling

Original CHERRY MX is the world's leading precision technology for mechanical key switches. The CHERRY Gold Crosspoint contact concept and the unprecedented production quality "Made in Germany" are unique. MX inside ensures unrivalled quality, precision and reliability.

Key benefits:

- Engineered and Made in Germany
- CHERRY MX Ergo Clear switch:
 - With tactile pressure point, key stroke with noticeable tactile feedback
- Safe and long-lasting reliability of switching performance and characteristics
- High-precision mechanical key switch based on the MX standard
- Clear stem and black housing
- World exclusive CHERRY Gold Crosspoint technology
- Short bounce time for high switching frequency (such as for fast typing)
- Self-cleaning contacts
- Switch resistant to dust and dirt
- Over 50 million keystrokes with no loss of quality

Technical Data:

• Switch Type:	MX Mechanical Switch
• Fastening:	See attached table
• Protection class:	IP40
• Operation characteristics:	tactile
• Switching voltage:	5V
• Dielectric strength:	500V / 50Hz
• Durability:	> 50 million actuations
• Contact configuration:	Single-pole contact
• Actuator travel:	4 mm
• Pretravel:	2 mm
• Initial force:	35 cN
• Actuation force:	40 cN
• Pressure point force:	55 cN
• Bounce time:	typically < 1ms
• Minimum lead spacing:	16 mm
• Lighting:	Prepared for use with 2-Pin LED (THT, through hole)
• Insulation materials:	Thermoplastics
• Spring:	Stainless steel
• Contacts:	High-quality gold alloy

Cherry assumes no responsibility or liability for any errors or omissions in the content of this document. The information contained in this document is provided on an "as is" basis with no guarantees of completeness, accuracy, usefulness, or timeliness

Models:

	Order Number	Description	Fastening
1	MX1A-H1NN	Cherry MX Ergo Clear	Snap fastening in frame
2	MX1A-H1NW	Cherry MX Ergo Clear	Fixation pins in the PCB