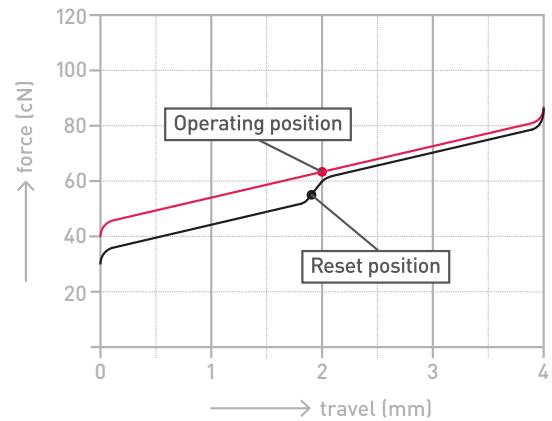


# CHERRY MX Black Clear-Top

## MX2A-61NW (factory lubricated)



### High-precision CHERRY MX switch with characteristics based on classic CHERRY keyboards

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 Black Clear-Top switch: Without pressure point, linear actuation – switching function with a defined force of approx. 63,5cN without contact feedback
- Safe and long-lasting reliability of switching performance and characteristics
- High-precision mechanical key switch based on the MX standard
- Special milky top and black 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

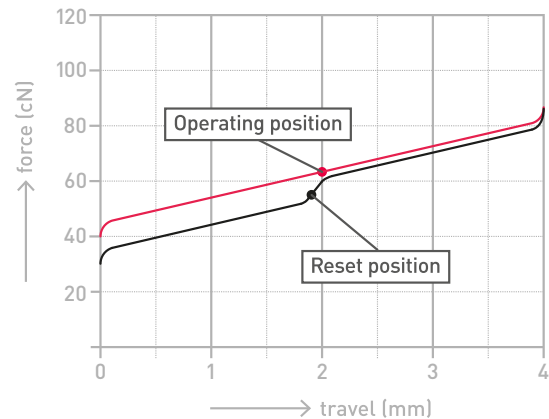
#### Technical Data:

|                              |   |
|------------------------------|---|
| • Switch Type:               | MX Mechanical Switch                                |
| • Mechanical Fastening:      | PCB mounted   |
| • Connection type:           | Soldered or hot-swappable                           |
| • Lubrication:               | TLS surface, stem guidance                          |
| • Protection class:          | IP40  |
| • Operation characteristics: | Linear  |
| • Switching voltage:         | 5V  |
| • Durability:                | > 50 million actuations                             |
| • Contact configuration:     | Single-pole contact                                 |
| • Actuator travel:           | 4 mm  |
| • Pretravel:                 | 2 mm  |
| • Initial force:             | 40cN min.   |
| • Actuation force:           | 63,5cN  |
| • Bounce time:               | typ. <1ms   |
| • Lighting:                  | Prepared for use with 2-Pin LED (THT, through hole) |
| • Spring:                    | Gold colored, stainless steel                       |
| • Contacts:                  | High-quality gold alloy                             |

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# CHERRY MX Black Clear-Top

## MX1A-61NW (no extra lubrication)



### High-precision CHERRY MX switch with characteristics based on classic CHERRY keyboards

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 Black Clear-Top switch: Without pressure point, linear actuation – switching function with a defined force of approx. 63,5cN without contact feedback
- Safe and long-lasting reliability of switching performance and characteristics
- High-precision mechanical key switch based on the MX standard
- Special milky top and black 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                                |
| • Mechanical Fastening:      | PCB mounted   |
| • Connection type:           | Soldered or hot-swappable                           |
| • Lubrication:               | TLS surface only                                    |
| • Protection class:          | IP40  |
| • Operation characteristics: | Linear  |
| • Switching voltage:         | 5V  |
| • Durability:                | > 50 million actuations                             |
| • Contact configuration:     | Single-pole contact                                 |
| • Actuator travel:           | 4 mm  |
| • Pretravel:                 | 2 mm  |
| • Initial force:             | 40cN min.   |
| • Actuation force:           | 63,5cN  |
| • Bounce time:               | typ. <1ms   |
| • Lighting:                  | Prepared for use with 2-Pin LED (THT, through hole) |
| • Spring:                    | Gold colored, stainless steel                       |
| • Contacts:                  | High-quality gold alloy                             |

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