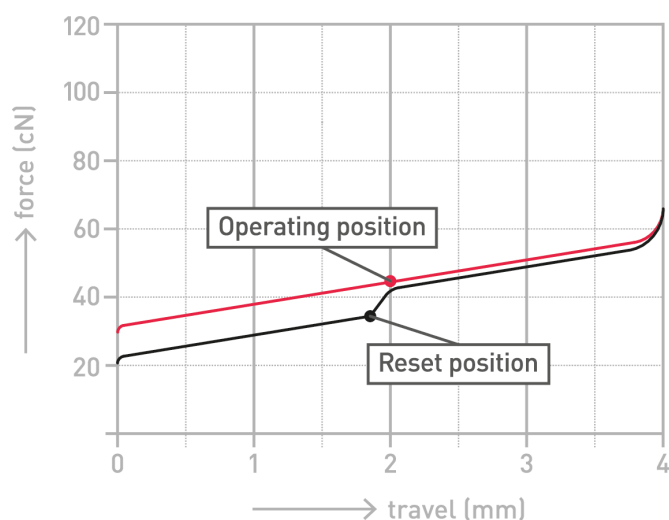


Models may vary from the image shown

The linear switching characteristic combined with the low spring resistance triggers directly. The CHERRY MX RED is the first choice for beginners in the world of mechanical keyboards. The smooth-running CHERRY MX technology enables balanced writing and gaming sessions.



FUNCTION AND PERFORMANCE

- Linear switching characteristics
- 45 cN operating force
- 2.0 mm pre travel
- 4.0 mm total travel
- No click

TECHNICAL DATA

Actuation characteristic:	linear
Total key travel:	4 mm
Pre-Travel:	2 mm
Actuation force:	45 cN
Standard grid dimension:	19,05 mm
Switching voltage:	max 12 V AC/DC min 2 V AC/DC
Switching current:	max 10 mA min 10 µA
Dielectric strength DIN IEC 60512-2:	500 V / 50 Hz
Spring:	Stainless steel
Electrical function:	<ul style="list-style-type: none"> • opened without actuation • single pole • momentary
Contact system:	MX Gold Crosspoint
IP protection class:	40
Warranty:	2 years warranty
Bounce time:	typically < 1 ms
Type:	mechanical
Hotswap:	no
USP:	Smooth and direct
Noise level:	No Click
Actuation force:	medium (45-55 cN)
Reset force – automatic:	5 cN

Produktname	Bestellnummer	Mounting pins	LED diode	LED wire bridge	RGB	Switches
MX RED	MX1A-L1DW	with pin - PCB mount	Diode (type: 1N4148 or equivalent)		no	
MX RED	MX1A-L1NA	without pins - faceplate mount	without diode		yes	
MX RED	MX1A-L1NB	with pin - PCB mount	without diode		yes	
MX RED	MX1A-L1NN	without pins - faceplate mount	without diode		no	
MX RED	MX1A-L1NW	with pin - PCB mount	without diode		no	
MX RED	ZMX1A-L1NB	with pin - PCB mount	without diode			
MX RED	ZMX1A-L1NN	without pins - faceplate mount	without diode			

Please contact your local CHERRY service and support teams or your CHERRY sales partners for versions available in your country.