# Keyswitches Mechanical Technologies

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<th>MX Gold-Crosspoint Contacts</th>
<th>FTSC – Full Travel Sealed Contact</th>
<th>LPK - ML Gold-Crosspoint Contacts</th>
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<td>Products that use MX switches G80 series</td>
<td>Products that use FTSC switches G81 series</td>
<td>Products that use ML switches G84 series</td>
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## Full Travel Gold Contact Keyswitch
- Mechanical module with individual actuation type (Linear, soft tactile feel, and click tactile feel)
- Low bounce times, high switch security, long-lasting reliability, and extremely long service life with sophisticated Gold Crosspoint contacts
- Long service life of individual keys > 50 million actuations
- Reliability (Example: G80 Series) MCBF 1 x 10⁹ actuations MTBF > 80,000 hours
- Tireless work with comfortable key feel
- Contrast-rich and abrasion-proof keycap labeling

## Full Travel Mechanical / Membrane Keyswitch
- Mechanical individual keys with membrane contact switches
- Robust system proven millions of times over
- Long service life and high reliability
- Long service life of individual keys > 50 million actuations
- Reliability (Example: G81 Series) MCBF 1 x 10⁹ actuations MTBF > 80,000 hours
- Contrast-rich abrasion-proof keycap labeling

## LOW PROFILE KEYBOARD
- Mechanical module with soft tactile feel
- Low bounce times, high switch security, long-lasting reliability, and extremely long service life with sophisticated Gold Crosspoint contacts
- Ultra-low height (including keycaps less than 12mm)
- Reliability (Example: G84 Series) MCBF 1 x 10⁹ actuations MTBF > 80,000 hours
- Contrast-rich, abrasion-proof keycap labeling

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Keyswitches Rubber Mats Technologies

NTK
New Technology Keyboard

- Elastomer keys with membrane contact switch
- Very long service life and high reliability with system proven millions of times over
- Service life of the individual key
  Standard keys: >20 million actuations
  Special keys: > 5 million actuations
- Reliability (example: G83 series)
  MTBF > 1 x 10⁹ actuations

LPK
Low Profile Keyboard

- Elastomer keys with membrane contact switch
- Full travel technology proven a million times over
- Flat design by special key shape
- Service life of the individual key
  Standard keys: >10 million actuations
  Special keys: > 1 million actuations
- Reliability (example: M82 - CONTROL XT)
  series MTBF > 1 x 10⁹ actuations

SX
Scissor Technology Keyboard

- Individual keys with quadrant modules and membrane contact switches
- Very long service life and high reliability
- Very low construction height
- Service life of the individual key
  Standard keys: >10 million actuations
  Special keys: > 1 million actuations
- Reliability (example: M85 – MARLIN smart)
  MTBF > 150,000 hours

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