

FCX-080

» A module with 80 keys programmable keys (5 rows x 16 columns)



Key features

- » Cherry MX mechanical keyswitches with Gold Crosspoint contacts to withstand harsh environments and ensure long product lifetime in 24/7 applications.
- » Compact 328x165x48 mm footprint to address space issues.
- » Multiple layer programming for all 80 relegendable and programmable keys. When programmed with OPOS contents, it can be used as either an OPOS or a JavaPOS keyboard and controlled by the Tipro xPOS drivers.
- » User friendly ChangeMe programming software for functional enhancements, configuration and quick product set-up, including remote programming.
- » Completely customizable with color keycaps and user defined key layouts tailored to your requirements, reducing training time and improving transaction speed.
- » Address cable management issues with optional integrated MSR, iButton® reader, keylock, operator display or touchpad.

Technical data

- » PS/2, PS/2+RS232 or USB interface
- » 80 keys
- » Key travel: 4 +0,0/-0,4 mm
- » Keyswitch lifetime: > 50 million operations
- » Available in C10 cool white or C15 black colour (other colours available on request)

Options

Magnetic Card Reader

- » Conforms to ISO7811 standard
- » 3 track reader; tracks can be activated interdependently
- » Bidirectional reading
- » Head operating life: typically 1 million card swipes
- » Programmable: header, terminator and separator for each track, success and fail codes

iButton reader®

- » Reads unique 64-bit registration number permanently stored on every iButton®
- » Magnetized socket firmly holds the inserted iButton
- » Programmable event descriptions: insertion header, insertion terminator, removal header, removal terminator
- » Each event can be programmed: to send a specific content sequence to the computer, or to change active keyboard layer, or to change the security level (only with USB keyboards)

Keylock module

- » 5 positions with 5 identical keys
- » Each lock position can be programmed: to send a specific content sequence to the computer, or to change active keyboard layer, or to change the security level (only with USB keyboard)

Alphanumeric Operator Display

- » Adjustable inclination (-20° to +45°)
- » 2 lines by 20 large font characters (9.6 mm) with LED backlight, white characters on blue background (Blue/White)
- » Connection: internal Tipro bus
- » Optional interfaces: RS232 or USB (as virtual COM)
- » Optional display type: LCD 4x40 small fonts (4.9 mm)
- » Optional display colour: dark grey characters on the yellow-green background (additional +5V, TM-VPA power supply required with Yellow/Green displays when the primary keyboard interface is PS/2)

Full-size Touchpad and Mini Touchpad

- » PS/2 or USB full-size Touchpad (replaces 3x4 keys) or PS/2 mini touchpad (replaces 2x2 keys)
- » Left and right mouse buttons integrated
- » Plug and play
- » Extra features like scrolling with installed driver

	Power consumption:	Dimensions:	Packaging dimensions:	Package content:
FCX-080-x0y	40 mA TYP	328 x 165 x 48 mm, 1050 g	410 x 205 x 84 mm, 1300 g	keyboard, cable (USB or PS/2 + RS232 or PS/2), Getting started with FREE (document), ChangeMe installation CD, keycap removal tool, transparent key cap covers
FCX-080-xRy	55 mA TYP			

