



- 89 keys, full travel
- 25 mm trackball
- IP40 sealing

## FULL TRAVEL KEYBOARD WITH TRACKBALL

This high quality full travel keyboard is designed for comfort over prolonged periods of use. It uses the latest technologies and integrates a high-end industrial trackball. A reliable, user-friendly solution for all applications which require very accurate pointer control and easy data input.

### MAIN FEATURES

- 89 key full travel professional series keyboard
- Full travel Cherry ML-switch, low profile keycaps, laser engraved
- VESA100 mounting holes M3 on backside of keyboard for easy fixation on the desk
- Dimensions : 380 x 159 x 34 mm
- 1 USB cable, no cable gland
- High Impact Polystyrene enclosure

### TRACKBALL

- Integrated industrial 25 mm trackball (mechanical)
- Phenolic resin ball with steel core
- Tracking force 50-80 grams nominal continuous
- Resolution 158 pulses per ball revolution (632 counts per ball revolution)
- Mechanical lifetime 1 million ball revolutions
- IP40 non sealed

### KEYBOARD

- Storage temperature: -40°C - 70 °C 5-95 % RH, non-condensing
- Operating temperature : 0°C to +60°C
- USB output cable 195 cm +/- 10 cm
- Supply voltage : +5V +/- 5% (via keyboard port)
- Supply current : 200mA max.
- Cherry ML switch life time: >20 million actuations
- ROHS REACH compliant
- CE / FCC (NSI)



integrated industrial grade trackball



mounting holes for easy fixation

### ORDER INFO

**KFTC89S1**

USB output



DIMENSIONAL DRAWING



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UL RATING

Component	Description	UL flammability rating
Trackball module	Mechanical 25mm	UL94 (see detailed document)
Output cable	USB shielded	UI2725
Interconnection cable	Wires ( 15cm long)	UL1007
	Connectors JST PH series	UL94V-0
Pcb assembly		
keyswitches	ML series	UL94HB
keycaps	ML series	UL94HB
bare pcb		UL796 ( see certificates)
connectors	JST PH series	UL94V-0
Assembly item	Self adhesive cable tie FTH-40	UL94HB
Enclosure	High impact polystyrol	UL94HB