INDUSTRIAL KEYBOARDS
& POINTING DEVICES

GENERAL SHORT TRAVEL KEYBOARD SPECIFICATIONS

MECHANICAL SPECIFICATIONS

Switches feedback : tactile, positive click
Switch technology : mechanical
Switch travel : 0,3 mm.
Operating force : 2.55N typ.
Switching life : >1 million operations per switch
Overlay : polyester with key embossing
Metal parts : aluminium
Protection class (*) : panel mount versions : frontal IP67
enclosed versions : IP65
Keyboard colours : see individual datasheets
Output cables : shielded straight 1,6 m long (*)

ELECTRICAL SPECIFICATIONS

Supply voltage : standard PC port
Current drain : 60 mA typ. (with touchpad) or
200mA (with optical trackball)
PS/2 output : via 6-pin mini DIN plug (*)
USB output : via USB type A plug (*)
Use standardly available keyboard drivers

ENVIRONMENTAL SPECIFICATIONS

Operating temperature range : 0°C to + 60°C
Storage temperature range : - 25°C to + 65°C
CE : compliant to EMC Directive 89/336/EEC for Electromagnetic Compatibility
Low Voltage Directive 73/23/EEC not applicable for our keyboards.

Available country layouts

Country layout	Country code	KSTM80	KST102	KSTL105	KSTP105	Duralight	Nightvision
US Qwerty	1	●	●	●	●	●	●
FR Azerty	33		●	●	●		
GR Qwertzu	49		●	●	●		●
Cyrillic	7		●	●			
BE Belgian Azerty	32		●	●	●		

Other country layouts on request

INTEGRATED OPTICAL TRACKBALL SPECIFICATIONS

type KSTL105

MECHANICAL SPECIFICATIONS

Optical Navigation Technology, solid state sensing
50 mm ball, epoxy resin, light grey
Tracking force `: 80 grams nom.
Protection class : IP68 waterproof
Resolvable ball speed : max 2,3 revolutions/sec
Impact : >= 20 Joules
Life : >= 1 million ball revolutions
Shielded cables : straight 1,6 m long (*)

ELECTRICAL SPECIFICATIONS

Supply voltage : 3.6V to 5.5V
Current drain : 110 mA typ. / 150mA max.
PS/2 output : via 6-pin mini DIN plug (*)
USB output : via USB type A plug (*)
No special driver is supplied with the unit.
Please use standard available drivers in your operating system.

INTEGRATED TOUCHPAD SPECIFICATIONS

type KSTP105

MECHANICAL SPECIFICATIONS

Sensing technology : Field distortion (Independent of applied pressure)
Sensing area : 55 x 39 mm.
Tracking speed : max. 250 mm/sec.
Resolution : 480 ± 50 counts per inch.
Protection class : IP65 (*)
Shielded cables : straight 1,6 m long (*)
(*) see support pages on www.nsi-be.com for more info

ELECTRICAL SPECIFICATIONS

Supply voltage : standard PC port
Current drain : 12 mA max.
PS/2 output : via 6-pin mini DIN plug (*)
USB output : via USB type A plug (*)
No special driver is supplied with the unit.
For optimal performance of the touchpad feature, we recommend to download the touchpad device driver

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