

USB KEYBOARD ger TKL-105 USB INTERFACE FOR DEVICES
WITH SUITABLE CONNECTOR color: black additional information,
amount and content: see technical data

General information	
Product type designation	USB keyboard GERMAN
Control elements	
Version of actuating element	Long-stroke key with 4 mm contact travel
Operating principle of the actuating element	Keyboard with long-stroke keys with membrane switching contacts
Keyboard fonts	
• Design • Keyboard assignment • Color of the buttons • Color of the key inscription • Key illumination • Function keys — Number of function keys • Number pad • Status LED displays — for number pad — for Shift keys	Keyboard with long-stroke keys 105 keys, German layout Black White No 12 Yes Yes; Num, Caps and Scroll Yes Yes
Connection type	
• USB • PS/2 • Cable length	Yes; USB 2.0 type A No 1.5 m
Frame size/design	
• Standard	Yes; For industrial applications
Installation type/mounting	
Rack mounting	No; Desktop housing
Supply voltage	
Rated value (DC)	5 V; via USB
Battery	
Battery charge indicator	No; maintenance-free
Interfaces	
Number of USB interfaces	1; USB 2.0

Degree and class of protection	
IP65 (all-round)	Yes; IP68 all-round and dishwasher safe
IP (at the front)	USB connector without degree of protection
Standards, approvals, certificates	
CE mark	Yes
cULus	No; Available soon
KC approval	No; Available soon
EAC (formerly Gost-R)	No; Available soon
RoHS conformity	Yes
Suitable for safety functions	No
Ambient conditions	
Suited for indoor use	Yes
Suited for outdoor use	No; Possible under certain conditions
Ambient temperature during operation	
• min.	0 °C
• max.	70 °C
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Relative humidity	
• Operation, max.	80 %; no condensation
• Condensation permissible	No
Operating systems	
Runs under operating system	
• Windows CE	Yes
• Windows Vista	Yes
• Windows XP	Yes
• Windows 7	Yes
• Windows 10	Yes
Cables	
Cable length	1.5 m; USB
Mechanics/material	
Material	
• Plastic	Yes; Black
Enclosure material (front)	
• Plastic	Yes; ABS with antimicrobial coating
Enclosure color (front)	Black
Enclosure color (rear)	Black
Service life	
• Number of operating cycles, keys	10 000 000; Operations (minimum)

Dimensions	
Width	459 mm
Height	35 mm
Depth	174 mm
Weights	
Weight without packaging	800 g
Weight incl. packaging	1 620 g
Scope of supply	
Delivery quantity in pieces	1
Other	
Merchandise	Yes; GETT TKL-105
Target devices	For SIMATIC HMI devices and IPCs with the appropriate slot
Note:	Corresponds to KL21203
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