

USB keyboard DE, TKL-105, Cable with connector type A, Desktop keyboard for devices with corresponding interface Color: black Further information, Quantity 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
Input device	
<ul style="list-style-type: none"> • Scroll wheel • Movement tracking 	<p>No</p> <p>none</p>
Keyboard fonts	
<ul style="list-style-type: none"> • Design • Keyboard assignment • Color of the buttons • Color of the key inscription • Key illumination • Function keys <ul style="list-style-type: none"> — Number of function keys — Number of function keys with LEDs — Programmable • Number pad • status LED displays <ul style="list-style-type: none"> — for number pad — for Shift keys 	<p>Keyboard with long-stroke keys</p> <p>105 keys, German layout</p> <p>Black</p> <p>White</p> <p>No</p> <p>Yes</p> <p>12</p> <p>0</p> <p>No</p> <p>Yes; Free-standing</p> <p>Yes; Num, Caps and Scroll</p> <p>Yes</p> <p>Yes</p>
Connection type	
<ul style="list-style-type: none"> • USB • PS/2 • Cable length 	<p>Yes; USB 2.0 type A</p> <p>No</p> <p>0 m; See cable length</p>
Frame size/design	
<ul style="list-style-type: none"> • Standard 	Yes; For industrial applications
Installation type/mounting	
Mounting	Desktop
Mounting type	none
Supply voltage	
Rated value (DC)	5 V; via USB
Battery	
Battery-operated	No; maintenance-free
Interfaces	
Number of USB interfaces	1; USB 2.0
EMC	
Emission of radio interference acc. to EN 55 011	

- Limit class B, for use in residential areas

Yes; Compliance with EN 55032 Class B limit values; interference emission: EN 55016-2-3:2014-11 (30 MHz to 6 GHz) and interference immunity EN 61000-4-2,3,4 passed

Degree and class of protection

IP (all-round)	IP68 all-round and dishwasher safe
IP (at the front)	USB connector without degree of protection

Standards, approvals, certificates

CE mark	Yes
UL approval	Yes; cUL
cULus	Yes; cUL
KC approval	Yes
EAC (formerly Gost-R)	Yes
BIS	No; required for export to India
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 8	Yes
• Windows 10	Yes

Cables

Cable length	1.5 m; USB
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Mechanics/material

Material	
• Plastic	Yes; Black
Enclosure material (front)	
• Plastic	Yes; ABS with antimicrobial coating
Enclosure color (front)	Black
Enclosure color (rear)	Black

Torques/forces

- Breakdown torque 0.53 N·m; Switching force buttons

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 (with packaging)	1 620 g

Scope of supply

Delivery quantity in pieces	1
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Other

printable with laser printer	No; Layout change possible, one-off costs around € 2 000
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Merchandise	Yes; GETT TKL-105
Manufacturer name	GETT Gerätetechnik GmbH
Manufacturer's address	Mittlerer Ring 1, 08233 Treuen (Vogtland), Germany
contacting the manufacturer	Phone +49 37468 660-0, email: info@gett.de
Target devices	For SIMATIC HMI devices and IPCs with the appropriate slot
Note:	Corresponds to KL21203

Usable in the following products	
• Product 1	6AV2124-*
• Product 2	6AV2125-*
• Product 3	6AV2145-*
• Product 4	6AV7880-*
• Product 5	6AV7863-3MA00-0AA0
• Product 6	6AV7863-3MA00-0SA0
• Product 7	6AV7863-3MA20-0AA0
• Product 8	6AV7863-3TA00-0AA0
• Product 9	6AV7250-*
• Product 10	6AV7251-*
• Product 11	6AV7863-7*
• Product 12	6AV2128-3*
• Product 13	6AV6642-0BD01-3AX0
• Product 14	6AV6642-0BC01-1AX1
• Product 15	6AV6642-0DC01-1AX0
• Product 16	6AV6642-0DA01-1AX0
• Product 17	6AV6642-0EA01-3AX0
• Product 18	6AV6643-*
• Product 19	6AV6545-0CC10-0AX0
• Product 20	6AV6545-0AH10-0AX*
• Product 21	6AV6545-0DA10-0AX0
• Product 22	6AV6545-0DB10-0AX0
• Product 23	6AV7863*
• Product 24	6AV2123-2*
• Product 25	6AV7862-2BC*
• Product 26	6AV7862-2BD*
• Product 27	6AV7862-2BE*
• Product 28	6AV7862-2BF*

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