## **SIEMENS**

## **Data sheet**

## 6AV6881-0AU14-0DB0

USB keyboard GER, KV25605 INOX with IP67 USB connector type A, inclusive protective cap, vandalproof, desktop keyboard for devices with suitable interface, keyboard bottom with mounting option, additional information, amount and content see technical data



| Product type designation                              | USB keyboard GERMAN                                      |
|---|--|
| ontrol elements                                       |  |
| Version of actuating element                          | Long-stroke key with 2 mm contact travel                 |
| Operating principle of the actuating element          | Carbon pellet on gold-plated PCB                         |
| Input device  |  |
| Scroll wheel  | No; Cursor control possible, left and right mouse button |
| Movement tracking                                     | Capacitive touchpad                                      |
| Keyboard fonts  |  |
| Design  | Keyboard with long-stroke keys                           |
| <ul> <li>Keyboard assignment</li> </ul>               | 86 (Germany QWERTZ)                                      |
| <ul> <li>Color of the buttons</li> </ul>              | Stainless steel  |
| <ul> <li>Color of the key inscription</li> </ul>      | Black, laser-inscribed                                   |
| Key illumination                                      | No   |
| <ul> <li>Function keys</li> </ul>                     | Yes  |
| <ul> <li>Number of function keys</li> </ul>           | 12   |
| <ul> <li>Number of function keys with LEDs</li> </ul> | 0  |
| — Programmable  | No   |
| Number pad  | Yes; Integrated into key layout                          |
| <ul> <li>status LED displays</li> </ul>               | Yes; Num, FN, Shift, Scroll lock                         |
| — for number pad                                      | Yes  |
| — for Shift keys                                      | Yes  |
| <ul> <li>Multi-key operation</li> </ul>               |  |
| — 2-key rollover                                      | Yes; 1 finger, slow typing, robust industry standard     |
| — n-key rollover                                      | No   |
| Connection type                                       |  |
| • USB   | Yes; USB 2.0 type A                                      |
| • PS/2  | No   |
| Cable length  | 0 m; See cable length                                    |
| Frame size/design                                     |  |
| Standard  | Yes; For industrial applications                         |
| stallation type/mounting                              |  |
| Mounting  | Desktop, PRO support arm, drawer                         |
| Mounting type   | Suitable for PRO devices                                 |
| upply voltage   |  |
| Rated value (DC)                                      | 5 V; 4.35 V to 5.25 V (USB)                              |
| put current   |  |
| Current consumption (rated value)                     | 55 mA; including touchpad and LED                        |
| attery  |  |
| Battery-operated                                      | No; maintenance-free                                     |

| Interfaces  |  |
|---|--|
| Number of USB interfaces  | 1; USB 2.0 (IP67 plug enclosure)   |
| EMC   |  |
| Emission of radio interference acc. to EN 55 011  |  |
| Limit class A, for use in industrial areas  | Yes; EN 55022, EN 55024  |
| Degree and class of protection  |  |
| IP (all-round)  | IP65   |
| IP (at the front)   | USB plug, meets IP67 with screws, if only inserted then without IP   |
| Standards, approvals, certificates  | ,,,,   |
| CE mark   | Yes  |
| UL approval   | Yes; Available soon  |
| cULus   | Yes; Available soon  |
| EAC (formerly Gost-R)   | Yes; Available soon  |
| CCC   | No; not necessary  |
| BIS   | No; required for export to India   |
| RoHS conformity   | Yes  |
| China RoHS compliance   | Yes; Available soon  |
| Suitable for safety functions   | No   |
| Ambient conditions  |  |
| Suited for indoor use   | Yes  |
| Suited for indoor use   | No; > 0 °C possible under certain conditions   |
|   | No, > 0 O possible under certain conditions  |
| Ambient temperature during operation  • min.  | 0 °C   |
| • min.<br>• max.  | 60 °C  |
| max.  Ambient temperature during storage/transportation   | 00 0   |
| min.  | -25 °C   |
| • max.  | 85 °C  |
| Relative humidity   | 65 C   |
| Operation, max.   | 80 %; no condensation  |
| Condensation permissible  | No   |
| Operating systems   | INC  |
|   |  |
| Runs under operating system   | Voe  |
| Windows CE      Windows Viote   | Yes  |
| Windows Vista   | Yes  |
| • Windows XP  | Yes  |
| • Windows 7   | Yes  |
| • Windows 8   | Yes  |
|   | V  |
| Windows 10  | Yes  |
| Cables  |  |
| Cables Cable length   | Yes 0.4 m; USB   |
| Cables Cable length Mechanics/material  |  |
| Cables Cable length Mechanics/material Material   | 0.4 m; USB   |
| Cables Cable length Mechanics/material Material • Stainless steel   | 0.4 m; USB  Yes; Front stainless steel AISI 304  |
| Cables Cable length Mechanics/material Material  • Stainless steel Enclosure material (rear)  | O.4 m; USB  Yes; Front stainless steel AISI 304 aluminum   |
| Cables Cable length  Mechanics/material  Material  • Stainless steel  Enclosure material (rear)  Material of the front ring   | Yes; Front stainless steel AISI 304 aluminum Generally silicone-free PORON seal  |
| Cables Cable length  Mechanics/material  Material  Stainless steel  Enclosure material (rear)  Material of the front ring  Enclosure color (front)  | Yes; Front stainless steel AISI 304 aluminum Generally silicone-free PORON seal INOX AISI 304  |
| Cables Cable length  Mechanics/material  Material  Stainless steel  Enclosure material (rear)  Material of the front ring  Enclosure color (front)  Enclosure color (rear)  | Yes; Front stainless steel AISI 304 aluminum Generally silicone-free PORON seal  |
| Cables Cable length  Mechanics/material  Material  Stainless steel  Enclosure material (rear)  Material of the front ring  Enclosure color (front)  Enclosure color (rear)  Torques/forces  | Yes; Front stainless steel AISI 304 aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint   |
| Cables Cable length  Mechanics/material  Material  • Stainless steel  Enclosure material (rear)  Material of the front ring  Enclosure color (front)  Enclosure color (rear)  Torques/forces  • Breakdown torque  | Yes; Front stainless steel AISI 304 aluminum Generally silicone-free PORON seal INOX AISI 304  |
| Cables Cable length  Mechanics/material  Material  Stainless steel  Enclosure material (rear)  Material of the front ring  Enclosure color (front)  Enclosure color (rear)  Torques/forces  | Yes; Front stainless steel AISI 304 aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint   |
| Cables Cable length  Mechanics/material  Material  • Stainless steel  Enclosure material (rear)  Material of the front ring  Enclosure color (front)  Enclosure color (rear)  Torques/forces  • Breakdown torque  | Yes; Front stainless steel AISI 304 aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint   |
| Cables Cable length  Mechanics/material  Material  Stainless steel  Enclosure material (rear)  Material of the front ring  Enclosure color (front)  Enclosure color (rear)  Torques/forces  Breakdown torque  Service life  | Yes; Front stainless steel AISI 304 aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint  1.5 N·m; Switching force buttons 1.5 N to 1.8 N  |
| Cables Cable length  Mechanics/material  Material  Stainless steel  Enclosure material (rear)  Material of the front ring  Enclosure color (front)  Enclosure color (rear)  Torques/forces  Breakdown torque  Service life  Number of operating cycles, keys  | Yes; Front stainless steel AISI 304 aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint  1.5 N·m; Switching force buttons 1.5 N to 1.8 N  |
| Cables Cable length  Mechanics/material  Material  Stainless steel  Enclosure material (rear)  Material of the front ring  Enclosure color (front)  Enclosure color (rear)  Torques/forces  Breakdown torque  Service life  Number of operating cycles, keys  Dimensions  | Yes; Front stainless steel AISI 304 aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint  1.5 N·m; Switching force buttons 1.5 N to 1.8 N  20 000 000; Operations (minimum)  |
| Cables Cable length  Mechanics/material  Material  Stainless steel  Enclosure material (rear)  Material of the front ring  Enclosure color (front)  Enclosure color (rear)  Torques/forces  Breakdown torque  Service life  Number of operating cycles, keys  Dimensions  Width   | Yes; Front stainless steel AISI 304 aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint  1.5 N·m; Switching force buttons 1.5 N to 1.8 N  20 000 000; Operations (minimum)  |
| Cables Cable length  Mechanics/material  Material  Stainless steel  Enclosure material (rear)  Material of the front ring  Enclosure color (front)  Enclosure color (rear)  Torques/forces  Breakdown torque  Service life  Number of operating cycles, keys  Dimensions  Width  Height   | Yes; Front stainless steel AISI 304 aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint  1.5 N·m; Switching force buttons 1.5 N to 1.8 N  20 000 000; Operations (minimum)  369 mm 18 mm  |
| Cables Cable length  Mechanics/material  Material  Stainless steel  Enclosure material (rear)  Material of the front ring  Enclosure color (front)  Enclosure color (rear)  Torques/forces  Breakdown torque  Service life  Number of operating cycles, keys  Dimensions  Width  Height  Depth  | Yes; Front stainless steel AISI 304 aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint  1.5 N·m; Switching force buttons 1.5 N to 1.8 N  20 000 000; Operations (minimum)  369 mm 18 mm  |
| Cables Cable length  Mechanics/material  Material  Stainless steel  Enclosure material (rear)  Material of the front ring  Enclosure color (front)  Enclosure color (rear)  Torques/forces  Breakdown torque  Service life  Number of operating cycles, keys  Dimensions  Width  Height  Depth  Scope of supply  Delivery quantity in pieces        | Yes; Front stainless steel AISI 304 aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint  1.5 N·m; Switching force buttons 1.5 N to 1.8 N  20 000 000; Operations (minimum)  369 mm 18 mm 130 mm; Without cable outlet (with + 3 cm) |
| Cables Cable length  Mechanics/material  Material  Stainless steel  Enclosure material (rear)  Material of the front ring  Enclosure color (front)  Enclosure color (rear)  Torques/forces  Breakdown torque  Service life  Number of operating cycles, keys  Dimensions  Width  Height  Depth  Scope of supply  Delivery quantity in pieces  Other | Yes; Front stainless steel AISI 304 aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint  1.5 N·m; Switching force buttons 1.5 N to 1.8 N  20 000 000; Operations (minimum)  369 mm 18 mm 130 mm; Without cable outlet (with + 3 cm) |
| Cables Cable length  Mechanics/material  Material  Stainless steel  Enclosure material (rear)  Material of the front ring  Enclosure color (front)  Enclosure color (rear)  Torques/forces  Breakdown torque  Service life  Number of operating cycles, keys  Dimensions  Width  Height  Depth  Scope of supply  Delivery quantity in pieces        | Yes; Front stainless steel AISI 304 aluminum Generally silicone-free PORON seal INOX AISI 304 Aluminum paint  1.5 N·m; Switching force buttons 1.5 N to 1.8 N  20 000 000; Operations (minimum)  369 mm 18 mm 130 mm; Without cable outlet (with + 3 cm) |

| 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 |
| Usable in the following products |  |
| • Product 1                      | 6AV2124-*  |
| • Product 2                      | 6AV2125-*  |
| • Product 3                      | 6AV2145-*  |
| <ul><li>Product 4</li></ul>      | 6AV7250-*  |
| <ul><li>Product 5</li></ul>      | 6AV7251-*  |
| <ul><li>Product 6</li></ul>      | 6AV7863-7*   |
| <ul><li>Product 7</li></ul>      | 6AV2128-3*   |
| <ul><li>Product 8</li></ul>      | 6AV6642-0BD01-3AX0   |
| <ul><li>Product 9</li></ul>      | 6AV6642-0BC01-1AX1   |
| • Product 10                     | 6AV6642-0DC01-1AX0   |
| • Product 11                     | 6AV6642-0DA01-1AX0   |
| • Product 12                     | 6AV6642-0EA01-3AX0   |
| • Product 13                     | 6AV6545-0CC10-0AX0   |
| • Product 14                     | 6AV6545-0AH10-0AX*   |
| • Product 15                     | 6AV6545-0DA10-0AX0   |
| <ul><li>Product 16</li></ul>     | 6AV6545-0DB10-0AX0   |
| • Product 17                     | 6AV6643-*  |
| • Product 18                     | 6AV6644-*  |
| • Product 19                     | 6AV7863*   |
| <ul><li>Product 20</li></ul>     | 6AV2123-2*   |
| • Product 21                     | 6AV7862-2BC*   |
| • Product 22                     | 6AV7862-2BD*   |
| • Product 23                     | 6AV7862-2BE*   |
| Product 24                       | 6AV7862-2BF*   |

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