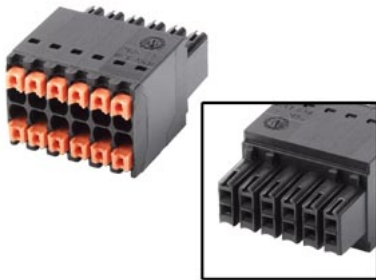



12-pin connector, female 12-pin connector, female 180°, max.: 1.5 mm²
 Further information, Quantity and content: see technical data



| General information | |
|--|--|
| Product type designation | Connector, female, 12-pin |
| Installation type/mounting | |
| Mounting type | Conductor cross-section 0.14 to 1.5 mm ² |
| Wall mounting/direct mounting | Yes; can be plugged into SIMATIC HMI device |
| Supply voltage | |
| Rated value (DC) | 24 V |
| Input current | |
| Current consumption (rated value) | 9 A; Typical, maximum value |
| Interfaces | |
| HMI-side interface | |
| • Number of pins HMI-side | 12; Female, spring-loaded terminals, 3.5 mm grid |
| Device-side interface | |
| • Number of pins device-side | 12; Female, spring-loaded terminals |
| Standards, approvals, certificates | |
| CE mark | Yes |
| CSA approval | Yes; 200039-1121690 |
| UL approval | Yes; E60693 |
| cULus | Yes; cURus |
| EAC (formerly Gost-R) | Yes |
| RoHS conformity | Yes |
| Use in hazardous areas | |
| • ATEX Zone 2 | Yes; Device-dependent, see operating instructions |
| • ATEX Zone 22 | Yes; Device-dependent, see operating instructions |
| • IECEx Zone 2 | Yes; Device-dependent, see operating instructions |
| • IECEx Zone 22 | Yes; Device-dependent, see operating instructions |
| • cULus Class I Zone 1 | Yes; Device-dependent, see operating instructions |
| • cULus Class I Zone 2, Division 2 | Yes; Device-dependent, see operating instructions |
| • FM Class I Division 2 | Yes; Device-dependent, see operating instructions |
| Marine approval | |
| • Germanischer Lloyd (GL) | Yes; Always comply with the operating instructions of the target device. |
| • American Bureau of Shipping (ABS) | Yes; Always comply with the operating instructions of the target device. |
| • Bureau Veritas (BV) | Yes; Always comply with the operating instructions of the target device. |
| • Det Norske Veritas (DNV) | Yes; Always comply with the operating instructions of the target device. |
| • Korean Register of Shipping (KRS) | Yes; Always comply with the operating instructions of the target device. |
| • Lloyds Register of Shipping (LRS) | Yes; Always comply with the operating instructions of the target device. |
| • Nippon Kaiji Kyokai (Class NK) | Yes; Always comply with the operating instructions of the target device. |
| • Polski Rejestr Statkow (PRS) | Yes; Always comply with the operating instructions of the target device. |
| • Chinese Classification Society (CCS) | Yes; Always comply with the operating instructions of the target device. |

| Ambient conditions | |
|---|--|
| Suited for indoor use | Yes; Flammability class according to UL 94-V0 |
| Suited for outdoor use | Yes; possible under certain conditions |
| Ambient temperature during operation | |
| • min. | 0 °C |
| • max. | 55 °C |
| Ambient temperature during storage/transportation | |
| • min. | -20 °C |
| • max. | 70 °C |
| Relative humidity | |
| • Operation, max. | 80 % |
| Mechanics/material | |
| Material | |
| • Plastic | Yes; Insulating material PA66 GF30, actuators PA66/6 |
| Enclosure material (front) | |
| • Plastic | Yes; Spring-loaded terminals 1.5 mm ² |
| Enclosure color (front) | Black |
| Service life | |
| • Mechanical service life (mating cycles) | 25 |
| Dimensions | |
| Width | 21 mm; 12-pin connector |
| Height | 15.2 mm |
| Depth | 26.25 mm |
| Weights | |
| Weight, approx. | 7.9 g |
| Scope of supply | |
| Delivery quantity in pieces | 10; Without ejector |
| Other | |
| Merchandise | Yes |
| Manufacturer name | Weidmüller Interface GmbH & Co. KG |
| Manufacturer's address | Klingenbergstraße 16, 32758 Detmold, Germany |
| Target devices | for KP8 PN |
| Usable in the following products | |
| • Product 1 | 6AV3688-3AY36-0AX0 |
| • Product 2 | 6AV2127-1AB00-0LX0 |
| • Product 3 | 6AV2127-1AB00-0LX1 |
| last modified: | 5/5/2022  |