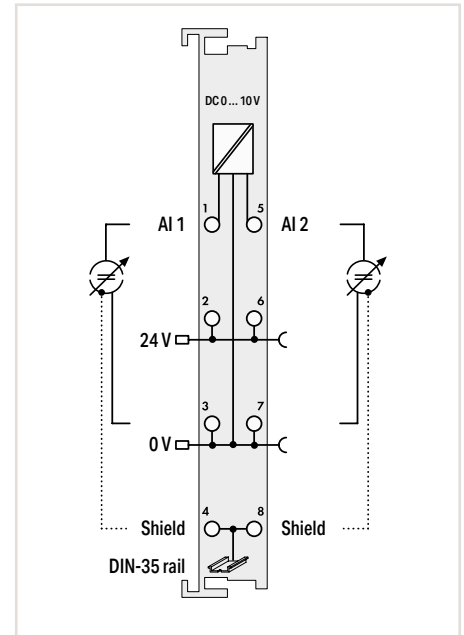
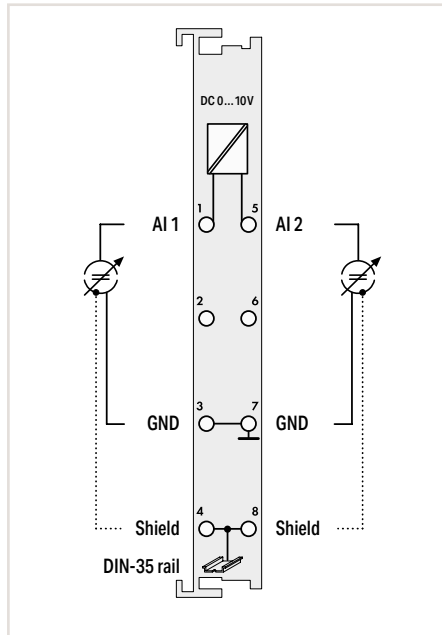


Analog Input; 0 ... 10 VDC; Single-Ended



Figure: 750-467

Figure: 750-478



| Item Description | 2-Channel Analog Input; 0 ... 10 VDC; Single-ended | | 2-Channel Analog Input; 0 ... 10 VDC; Single-ended; 16 bits | | |
|------------------|--|--|---|---------------------------------|--|
| Version | Standard | Pluggable (delivery without connector) | Standard | 60 Hz | Pluggable (delivery without connector) |
| Item No. | 750-467 | 753-467 | 750-478 | 750-478/005-000 | 753-478 |
| Order Text | 2AI; 0-10 VDC; SE | 2AI; 0-10 VDC; SE | 2AI; 0-10 VDC; SE; 16bits | 2AI; 0-10 VDC; SE; 16bits; 60Hz | 2AI; 0-10 VDC; SE; 16bits |

| Technical Data | 750-467 | | 750-478 | | |
|---|--|--|---|-------|--|
| Pluggable connector | | • | | | • |
| Number of analog inputs | 2 | | 2 | | |
| Signal type | 0 ... 10 V | | 0 ... 10 V | | |
| Signal characteristic | Single-ended | | Single-ended | | |
| Resolution | 12 bits | | 16 bits | | |
| Conversion time | 2 ms | | 80 ms | | |
| Internal resistance | 130 kΩ | | 130 kΩ | | |
| Input voltage (max.) | 35 V | | 24 V | | |
| Input filter (analog) | | | 50 Hz | 60 Hz | 50 Hz |
| Measuring error (max.) at 25 °C | ±0.2 % of the upper-range value | | ±0.1 % of the upper-range value | | |
| Temperature error (max.) | ±0.01 % of the upper-range value | | ±0.01 % of the upper-range value | | |
| Supply voltage (field) | | | 24 VDC (-25 ... +30 %); via power jumper contacts (power supply via blade contact; transmission via spring contact) | | |
| Current consumption – system supply (5 V) | 60 mA | | 75 mA | | |
| Data width | 2 x 16-bit data; 2 x 8-bit control/status (optional) | | 2 x 16-bit data; 2 x 8-bit control/status (optional) | | |
| Isolation | 500 V (system/field) | | 500 V (system/field) | | |
| Surrounding air temperature (operation) | 0 ... +55 °C | | 0 ... +55 °C | | |
| Dimensions W x H x D | 12 x 69.8 x 100 mm | | 12 x 69.8 x 100 mm | | |
| Approvals | CE, IEC, OrdLoc/HazLoc, ATEX/IECEX | | CE, IEC, Marine, OrdLoc/HazLoc, ATEX/IECEX | | |
| Data sheet and further information, see: | wago.com/750-467 | wago.com/753-467 | wago.com/750-478 | | wago.com/753-478 |

| Accessories | Item No. |
|---------------------|----------|
| Pluggable connector | 753-110 |
| Coding keys | 753-150 |