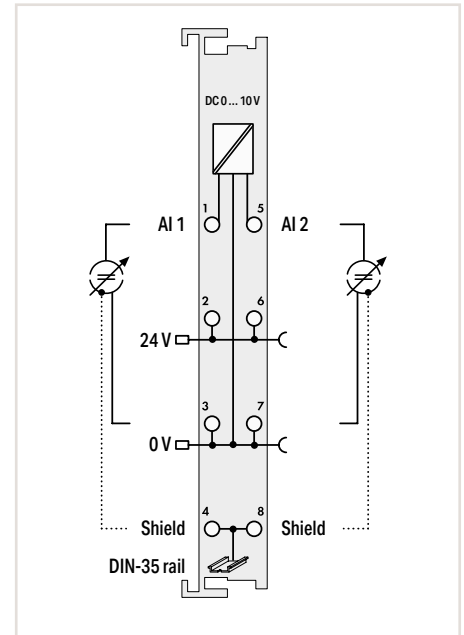
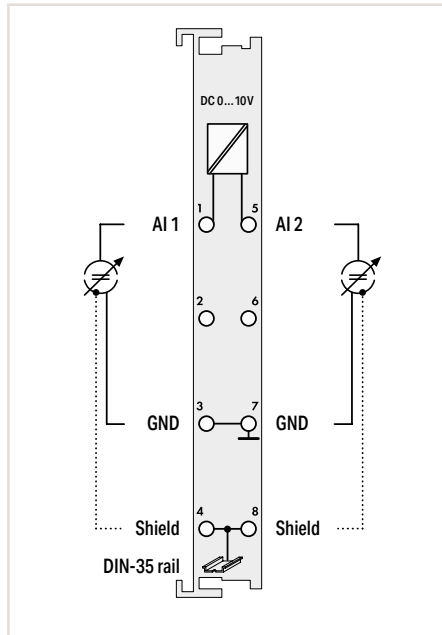


## Analog Input; 0 ... 10 VDC; Single-Ended



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:  | <a href="http://wago.com/750-467">wago.com/750-467</a> | <a href="http://wago.com/753-467">wago.com/753-467</a> | <a href="http://wago.com/750-478">wago.com/750-478</a>  |       | <a href="http://wago.com/753-478">wago.com/753-478</a> |

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