

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



Figure: 750-467

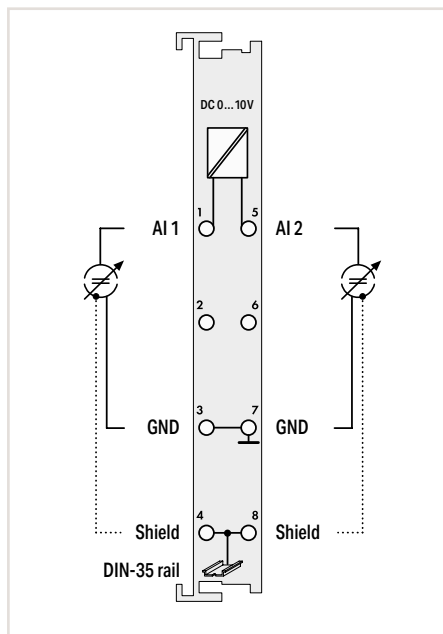
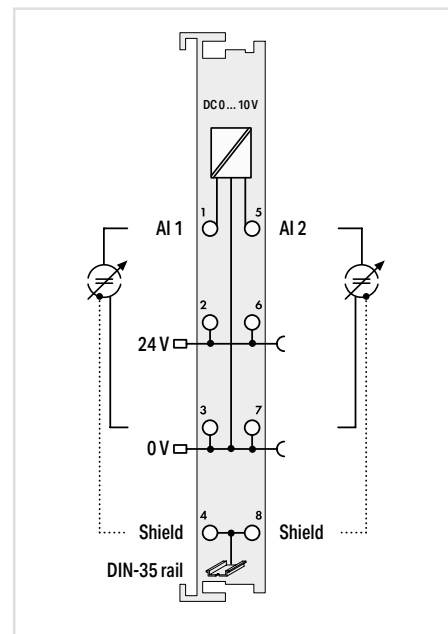


Figure: 750-478



5.4

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 with- out 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					
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;  OrdLoc/HazLoc;  ATEX/IECEx		CE;  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		