

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

5.4



Figure: 750-468

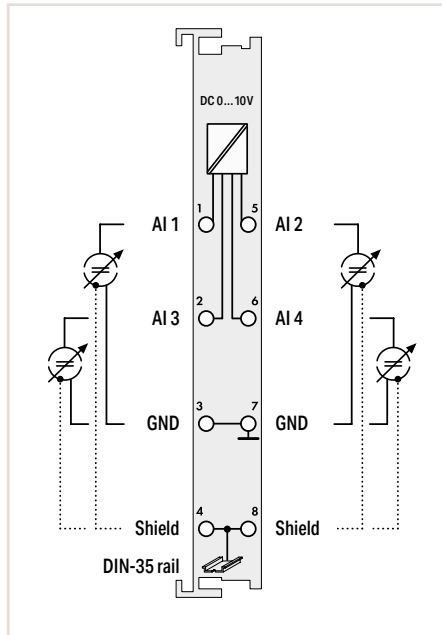
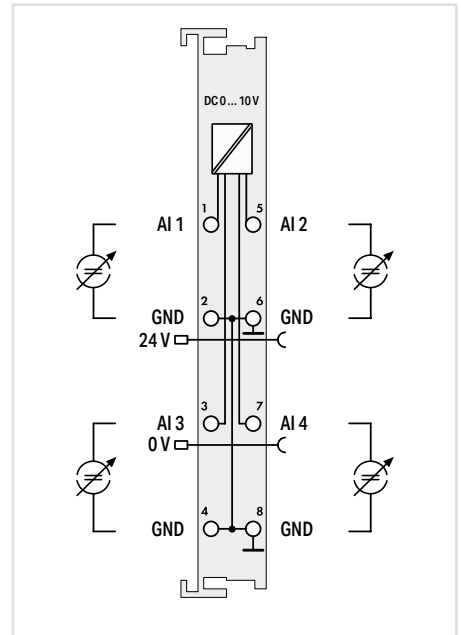


Figure: 750-459



Item Description		4-Channel Analog Input; 0 ... 10 VDC; Single-ended		4-Channel Analog Input; 0 ... 10 VDC; Single-ended	
Version		Standard	Extended temperature	Standard	Pluggable (delivery without connector)
Item No.		750-468	750-468/025-000	750-459	753-459
Order Text		4AI; 0-10 VDC; SE	4AI; 0-10 VDC; SE; T	4AI; 0-10 VDC; SE	4AI; 0-10 VDC; SE
Technical Data					
Pluggable connector					
Number of analog inputs		4		4	
Signal type		0 ... 10 V		0 ... 10 V	
Signal characteristic		Single-ended		Single-ended	
Resolution		12 bits		12 bits	
Conversion time		4 ms		10 ms	
Internal resistance		133 kΩ		> 100 kΩ	
Input voltage (max.)		35 V		±40 V	
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		65 mA	
Data width		4 x 16-bit data; 4 x 8-bit control/status (optional)		4 x 16-bit data; 4 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, Marine, OrdLoc/HazLoc; ATEX/IECEX		CE, Marine, OrdLoc/HazLoc; ATEX/IECEX	
Data sheet and further information, see:		wago.com/750-468		wago.com/750-459	wago.com/753-459
Accessories				Item No.	
Pluggable connector				753-110	
Coding keys				753-150	