

Analog Input; 0 ... 20 mA; Single-Ended

5.4



Figure: 750-472

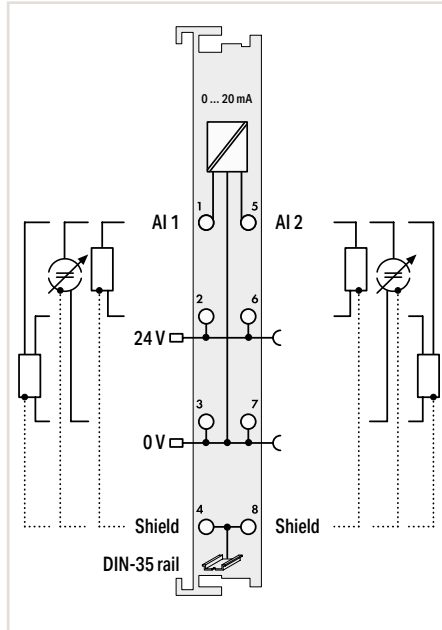
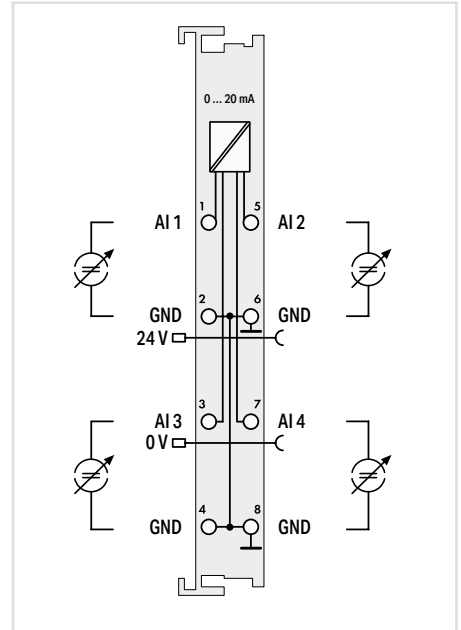


Figure: 750-453



Item Description		2-Channel Analog Input; 0 ... 20 mA; Single-ended; 16 bits			4-Channel Analog Input; 0 ... 20 mA; Single-ended	
Version		Standard	60 Hz	Pluggable (delivery without connector)	Standard	Pluggable (delivery without connector)
Item No.		750-472	750-472/005-000	753-472	750-453	753-453
Order Text		2AI; 0-20mA; SE; 16bits	2AI; 0-20mA; SE; 16bits; 60Hz	2AI; 0-20mA; SE; 16bits	4AI; 0-20mA; SE	4AI; 0-20mA; SE
Technical Data						
Extended functionality		Overload protection				
Pluggable connector						
Number of analog inputs		2			4	
Signal type		0 ... 20 mA			0 ... 20 mA	
Signal characteristic		Single-ended			Single-ended	
Resolution		15 bits			12 bits	
Conversion time		80 ms			10 ms	
Input resistance		220 Ω / 20 mA			< 100 Ω / 20 mA	
Input filter (analog)		50 Hz	60 Hz	50 Hz		
Measuring error (max.) at 25 °C		±0.1 % 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)			24 VDC (–25 ... +30 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)	
Current consumption – system supply (5 V)		75 mA			65 mA	
Data width		2 x 16-bit data; 2 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/750-472 wago.com/753-472			wago.com/750-453 wago.com/753-453	
Accessories		Item No.			Item No.	
Pluggable connector		753-110			753-110	
Coding keys		753-150			753-150	