

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

5.4



Figure: 750-472

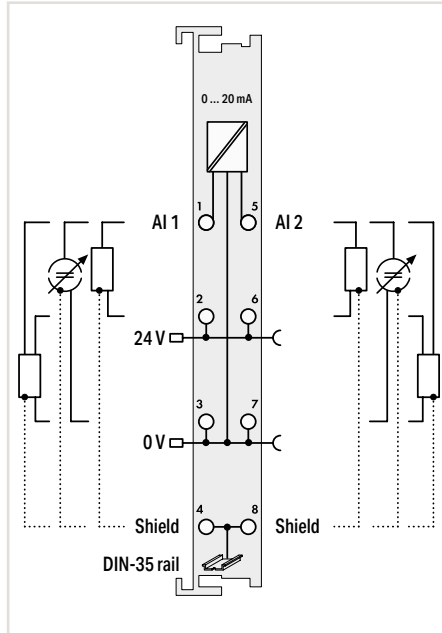
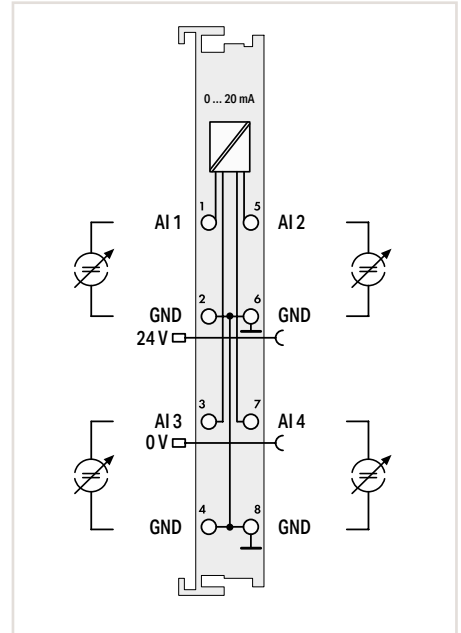


Figure: 750-453



Item Description

Version

Item No.

Order Text

2-Channel Analog Input; 0 ... 20 mA; Single-ended; 16 bits

Standard	60 Hz	Pluggable (delivery without connector)
750-472	750-472/005-000	753-472
2AI; 0-20mA; SE; 16bits	2AI; 0-20mA; SE; 16bits; 60Hz	2AI; 0-20mA; SE; 16bits

4-Channel Analog Input; 0 ... 20 mA; Single-ended

Standard	Pluggable (delivery without connector)
750-453	753-453
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	
Accessories		Item No.		Item No.
Pluggable connector		753-110		753-110
Coding keys		753-150		753-150