

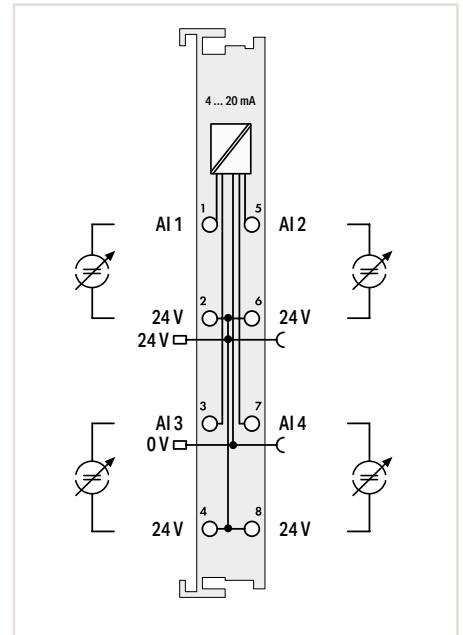
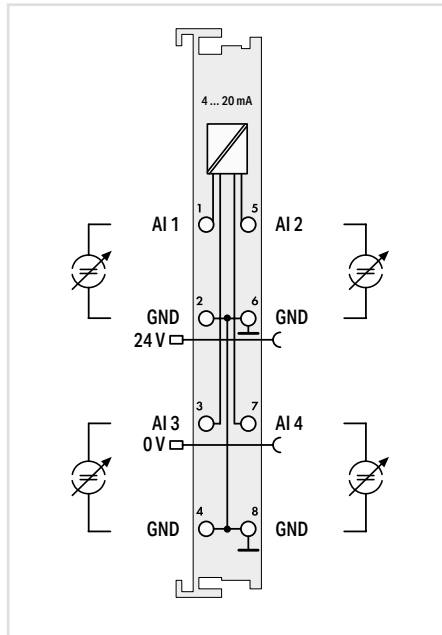
Analog Input; 4 ... 20 mA; Single-Ended

5.4



Figure: 750-455

Figure: 753-455



Item Description	4-Channel Analog Input; 4 ... 20 mA; Single-ended; 4 x GND			4-Channel Analog Input; 4 ... 20 mA; Single-ended; 4 x 24 V
Version	Standard	Extended temperature	Pluggable (delivery with-out connector)	4 x 24 V
Item No.	750-455	750-455/025-000	753-455	750-455/020-000
Order Text	4AI; 4-20mA; SE	4AI; 4-20mA; SE; T	4AI; 4-20mA; SE	4AI; 4-20mA; SE; 4x24V
Technical Data				
Pluggable connector			●	
Number of analog inputs	4			4
Signal type	4 ... 20 mA			4 ... 20 mA
Signal characteristic	Single-ended			Single-ended
Resolution	12 bits			12 bits
Conversion time	10 ms			10 ms
Input resistance	< 100 Ω / 20 mA			< 100 Ω / 20 mA
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)	65 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/750-455		wago.com/753-455	wago.com/750-455/020-000
Accessories				
Pluggable connector			Item No.	
			753-110	
Coding keys			753-150	