

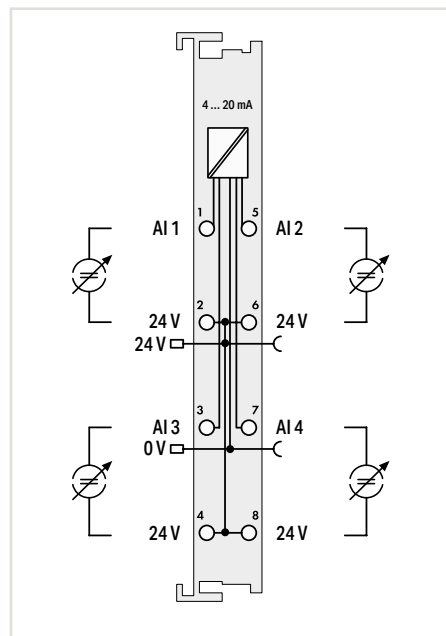
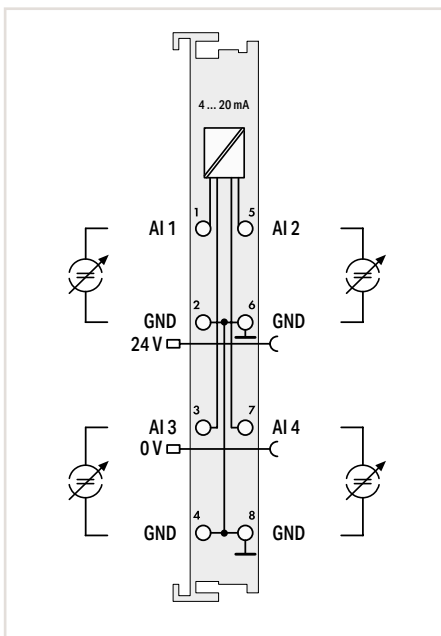
Analog Input; 4 ... 20 mA; Single-Ended

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 without 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			Item No.			
Pluggable connector			753-110			
Coding keys			753-150			