

Analog Output; 4 ... 20 mA or Configurable 0/4 ... 20 mA; 6 ... 18 VDC



Figure: 750-555

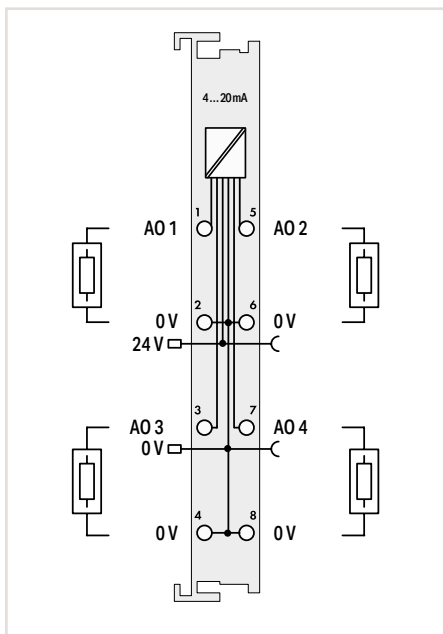
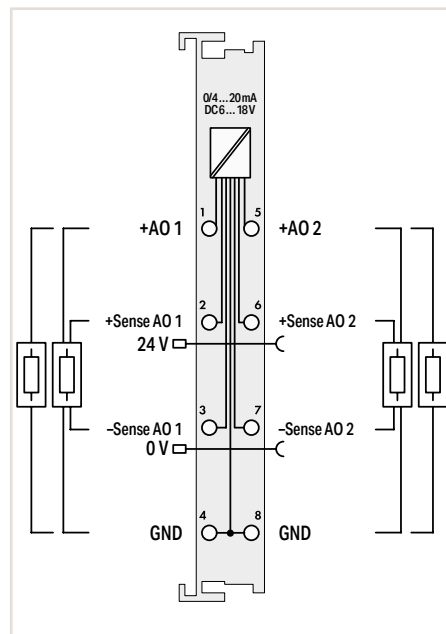


Figure: 753-555



5.5

Item Description		4-Channel Analog Output; 4 ... 20 mA		2-Channel Analog Output; 0/4 ... 20 mA; 16 bits; 6 ... 18 VDC	
Version		Standard	Pluggable (delivery without connector)	Standard	
Item No.		750-555	753-555	750-563	
Order Text		4AO; 4-20mA	4AO; 4-20mA	2AO; 0/4-20mA; 16bits; 6-18 VDC	
Technical Data					
Pluggable connector					
Number of analog outputs		4		2	
Signal type		4 ... 20 mA		0 ... 20 mA; 4 ... 20 mA; 6 ... 18 V	
Actuator connection		2-wire		2-wire; 4-wire	
Load impedance		Either 0 ... 300 Ω or 300 ... 600 Ω (same resistance for all load impedances)		> 1.8 kΩ (voltage output); < 500 Ω (current output)	
Resolution		12 bits		16 bits	
Conversion time		10 ms		5 ms	
Output error (max.) at 25 °C		±0.1 % of the upper-range value		±0.05 % of the upper-range value	
Temperature error (max.)		±0.01 % of the upper-range value		±100 ppm	
Supply voltage (field)		24 VDC (–25 ... +30 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)		24 VDC (–15 ... +20 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)	
Current consumption – system supply (5 V)		60 mA		80 ... 110 mA	
Data width		4 x 16-bit data; 4 x 8-bit control/status (optional)		2 x 16-bit data; 2 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	
Accessories		Item No.			
Pluggable connector		753-110			
Coding keys		753-150			