

2-Channel Analog Output Module 0-10 V/±10V

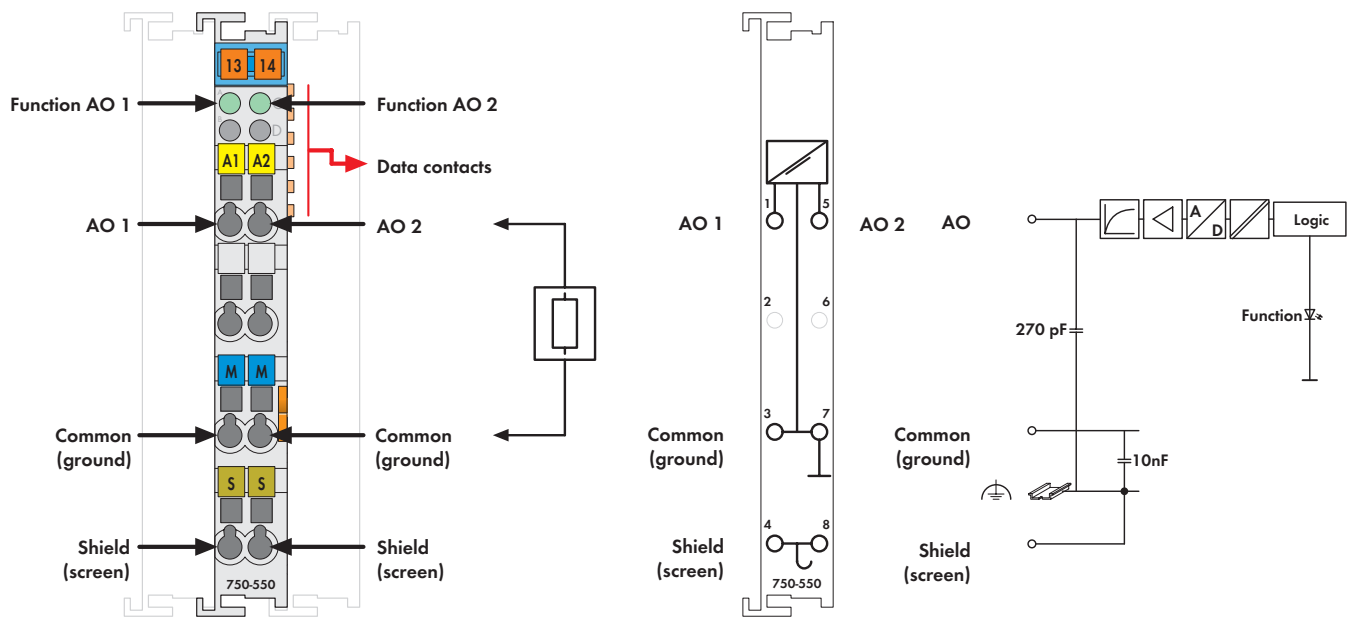


Fig. Series 750 / Technical data see page 30 / Delivery without Mini WSB marker
 Series 750 / 753 marking see pages 20 ... 21 / 22 ... 23



The analog output module creates a standardized signal of 0-10 V or ±10 V.

The output signal is electrically isolated and will be transmitted with a resolution of 12 bits.

Outputs are short circuit protected.

The internal system supply is used for the power supply of the module.

The output channels have one common ground potential.

Description	Item no.	Pack. unit
2AO 0-10V DC	750-550	10 ¹⁾
2AO ± 10V DC	750-556	10 ¹⁾
2AO 0-10V DC/S5 ²⁾	750-550/000-200	1
2AO ±10V DC/S5 ²⁾	750-556/000-200	1
2AO 0-10V DC (without connector)	753-550	10 ¹⁾
2AO ±10V DC (without connector)	753-556	10 ¹⁾
¹⁾ Also available individually		
²⁾ Data format for S5 control with FB 251		
Accessories	Item no.	Pack. unit
 Connectors Series 753	753-110	25
 Coding elements	753-150	100
Miniature WSB Quick marking system		
plain	248-501	5
with marking	see pages 214 ... 215	
Approvals		
Series 750 and 753		
UL 508		
Conformity marking	CE	
Series 750		
Marine applications	see pages 24 ... 27	
EN 50021	II 3 G EEEx nA II T4	
UL 1604	Class I Div2 ABCD T4A	

Technical Data	
No. of outputs	2
Current consumption (internal)	65 mA
Voltage supply	via system voltage DC / DC
Signal voltage	0 V ... 10 V (750-550, 753-550) ± 10 V (750-556, 753-556)
Load impedance	> 5 kΩ
Linearity	±10 mV
Resolution	12 bits
Conversion time	ca. 2 ms
Output filter settle time typ.	300 μs
Measuring error (25 °C)	< ± 0.1 % of the full scale value
Temperature coefficient	< ± 0.01 % /K of the full scale value
Isolation	500 V system / supply
Bit width	2 x 16 bits data 2 x 8 bits control / status (option)
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped length series 750 / 753	8 ... 9 mm / 0.33 in 9 ... 10 mm / 0.37 in
Width	12 mm
Weight	approx. 55 g
EMC CE-Immunity to interference	acc. to EN 50082-2 (1996)
EMC CE-Emission of interference	acc. to EN 50081-1 (1993)
EMC marine applications -	
Immunity to interference	acc. to Germanischer Lloyd (1997)
EMC marine applications -	
Emission of interference	acc. to Germanischer Lloyd (1997)