

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

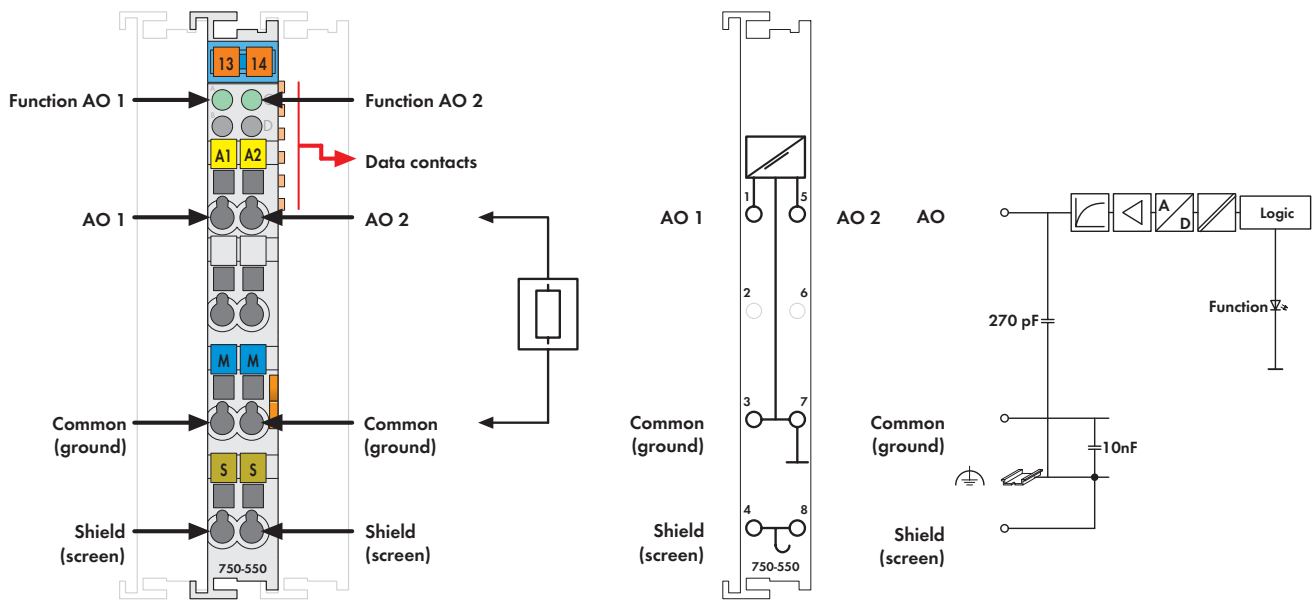


Fig. 750 Series/Technical data see page 24/Delivered without miniature WSB markers
750/753 Series marking see pages 10 ... 11 / 12 ... 13

The analog output module generates signals of a standard magnitude 0-10V.

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

The outputs are short-circuit proof.

The internal system supply powers the module.

The output channels have one common ground potential.

Description	Item No.	Pack. Unit
2AO 0-10V DC	750-550	10 ¹⁾
2AO 0-10V DC/S5 ²⁾	750-550/000-200	1
2AO ± 10V DC	750-556	10 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
753 Series Connectors	753-110	25
Coding elements	753-150	100
Miniature WSB Quick marking system		
plain	248-501	5
with marking	see pages 352 ... 353	
Approvals	Also see "Approvals Overview" in Section 1	
Conformity marking	CE	
Shipbuilding (versions upon request)	ABS, BV, DNV, GL, KR, LR*, NKK*, PRS*, RINA* *753 Series, pending	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4	
EN 60079-0, -15	I M2 / II 3 GD Ex nA IIC T4	
EN 61241-0, -1		

Technical Data	
No. of outputs	2
Current consumption (internal)	65 mA
Power supply	via system voltage DC/DC
Signal voltage	0 - 10V (750-550, 753-550) ± 10V (750-556, 753-556)
Load impedance	> 5 kΩ
Linearity	± 10 mV
Resolution	12 bits
Conversion time	approx. 2 ms
Recovery 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 mm ² ... 2.5 mm ² / AWG 28 ... 14
Stripped lengths, 750/753 Series	8 ... 9 mm / 0.33 in 9 ... 10 mm / 0.37 in
Width	12 mm
Weight	50.5 g
EMC: CE - immunity to interference	acc. to EN 61000-6-2 (2005)
EMC: CE - emission of interference	acc. to EN 61000-6-4 (2007)
EMC: marine applications	
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