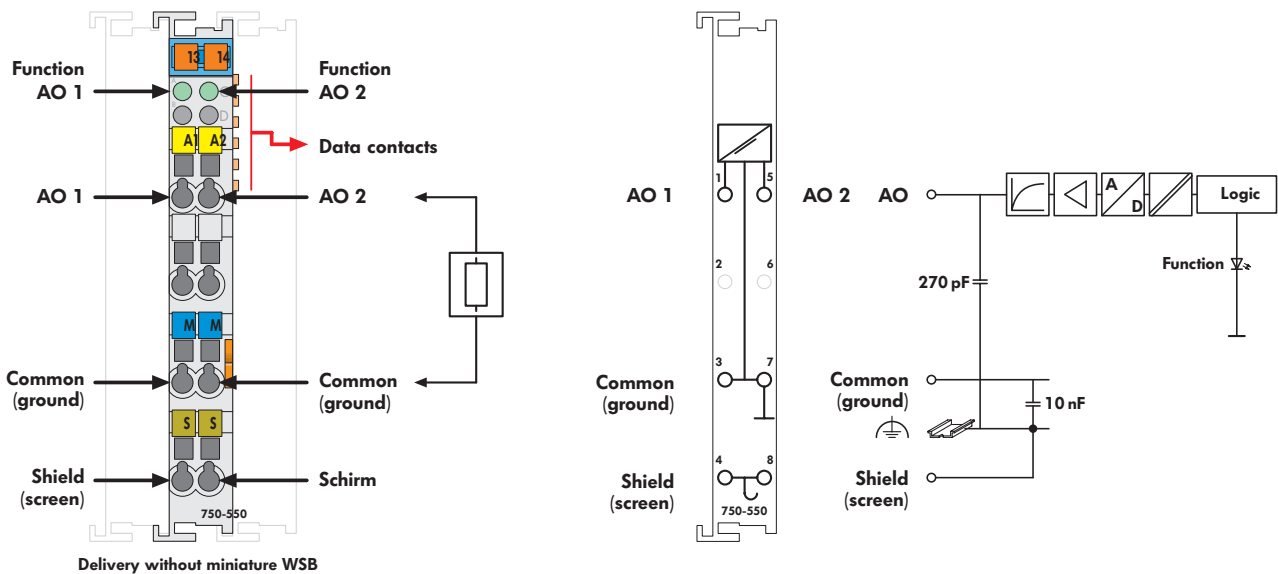


2-Channel Analog Output Module 0-10 V / ± 10 V



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 pcs	Technical Data
2AO 0-10 V DC	750-550	10 ¹⁾	No. of outputs 2
2AO ±10 V DC	750-556	10 ¹⁾	Current consumption (internal) 65 mA
2AO 0-10 V DC/S5²⁾	750-550/000-200	1	Voltage supply via system voltage DC/DC
2AO ±10 V DC/S5²⁾	750-556/000-200	1	Signal voltage 0V ... 10V (750-550) ± 10V (750-556)
¹⁾ Also available individually			Load impedance > 5 kΩ
²⁾ Data format for S5 control with FB 251.			Resolution 12 bits
General specifications			Conversion time ca 2 ms
Operating temperature	0°C ... +55°C		Measuring error _{25°C} < ± 0.1 % of the full scale value
Wire connection CAGE CLAMP®	0.08 mm ² ... 2.5 mm ² ; AWG 28 ... 14		Temperature coefficient < ± 0.01 % / K of the full scale value
	8 ... 9 mm / 0.33 in stripped length		Isolation 500 V system / supply
Dimensions (mm) W x H x L	12 x 64* x 100		Bit width 2 x 16 bits data
	* from upper edge of 35 DIN rail		Bit width 2 x 8 bits control / status (option)
Weight	ca 55 g		
Storage temperature	-25°C ... +85°C		
Relative air humidity	95% no condensation		
Vibration and shock resistance	acc. to IEC 60068-2-6 acc. to IEC 60068-2-27		
Degree of protection	IP 20		
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 interf.	acc. to Germanischer Lloyd (1997)		
EMC marine applications - Emission of interf.	acc. to Germanischer Lloyd (1997)		
Approvals			
UL and marine applications	see pages 1.10 ... 1.13		
Conformity marking	II 3 G EEx nA II T4, Class I Div2 ABCD T4A CE		
Accessories			
	Item-No.	Pack.-unit pcs	
	Miniature WSB quick marking system		
	plain 248-501	5	
	with marking see pages 1.174 ... 1.175		