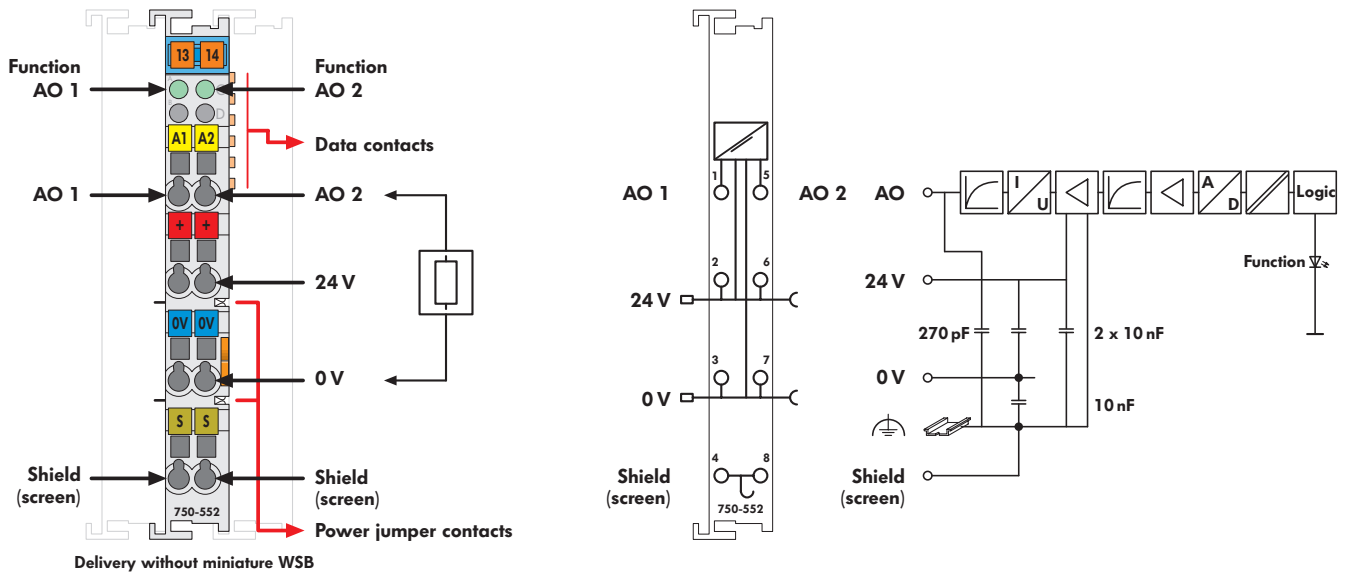


## 2-Channel Analog Output Module 0 /4-20 mA



The analog output module creates a standardized signal of 0-20 mA or 4-20 mA. The output signal is electrically isolated and will be transmitted with a resolution of 12 bits. "Current" analog output modules use power derived from the field side (loop powered).

Description	Item-No.	Pack.-unit pcs	Technical Data
<b>2AO 0-20mA</b>	<b>750-552</b>	10 <sup>1)</sup>	No. of outputs 2
<b>2AO 4-20mA</b>	<b>750-554</b>	10 <sup>1)</sup>	Current consumption max. (internal) 60 mA
<b>2AO 0-20mA/S5<sup>2)</sup></b>	<b>750-552/000-200</b>	1	Voltage via power jumper contacts DC 24 V (-25% ... +30%)
<b>2AO 4-20mA/S5<sup>2)</sup></b>	<b>750-554/000-200</b>	1	Signal current 0 mA ... 20 mA (750-552) 4 mA ... 20 mA (750-554)
<sup>1)</sup> Also available individually			Load impedance < 500 Ω
<sup>2)</sup> Data format for S5 control with FB 251.			Linearity ± 2LSB
<b>General specifications</b>			Resolution 12 bits
Operating temperature	0°C ... +55°C		Conversion time ca 2 ms
Wire connection CAGE CLAMP®	0.08 mm² ... 2.5 mm²; AWG 28 ... 14		Measuring error 25°C < ± 0.1% of the full scale value
	8 ... 9 mm / 0.33 in stripped length		Temperature coefficient < ± 0.01% / K of the full scale value (750-552)
Dimensions (mm) W x H x L	12 x 64* x 100		< ± 0.015% / K of the full scale value (750-554)
	* from upper edge of 35 DIN rail		Isolation 500 V system / supply
Weight	ca 55 g		Bit width 2 x 16 bits data
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)		
<b>Approvals</b>			
UL and marine applications	see pages 1.10 ... 1.13		
Ex	II 3 G EEx nA II T4, Class I Div2 ABCD T4A		
Conformity marking	CE		
<b>Accessories</b>			
	<b>Item-No.</b>	<b>Pack.-unit pcs</b>	
	<b>Miniature WSB quick marking system</b>		
	plain <b>248-501</b>	5	
	with marking see pages 1.174 ... 1.175		