

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

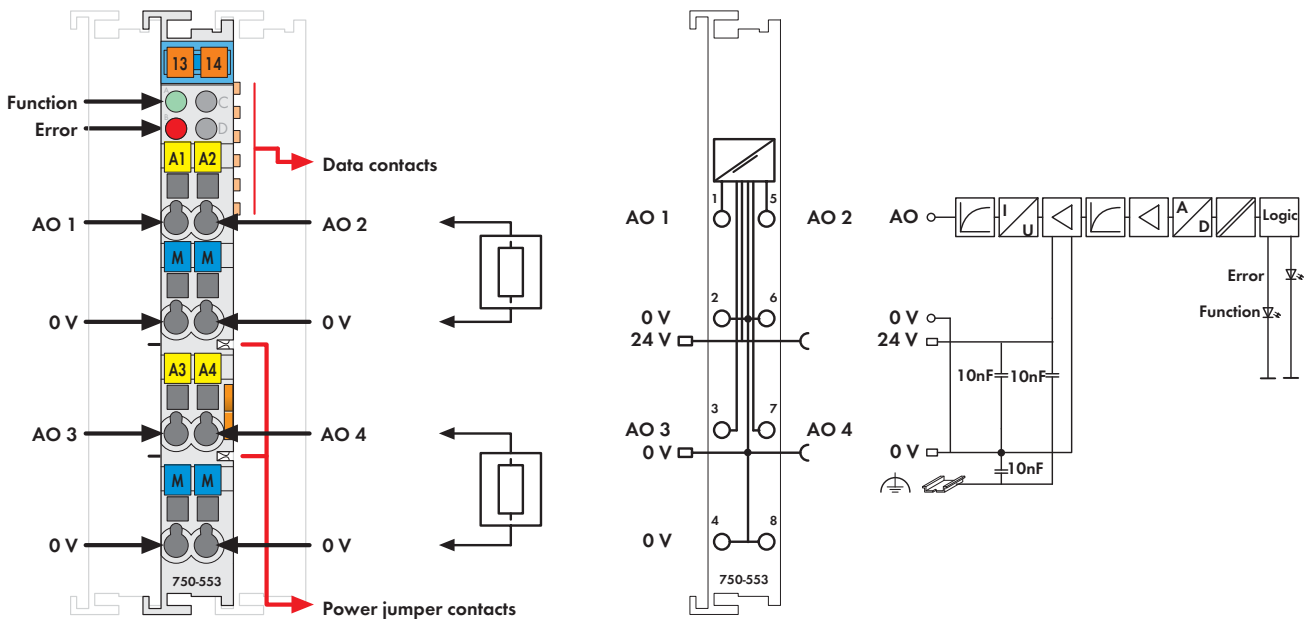


Fig. 750 Series  
Delivered without miniature WSB markers

The analog output module creates a standardized signal of 0-20mA or 4-20mA.

The output channels have one common ground potential.

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
4AO 0-20mA	750-553	1
4AO 4-20mA	750-555	1
4AO 0-20mA (without connector)	753-553	1
4AO 4-20mA (without connector)	753-555	1
<b>Accessories</b>		
753 Series Connectors	753-110	25
Coding elements	753-150	100
<b>Miniature WSB Quick marking system</b>		
plain	248-501	5
with marking	see Section 11	
<b>Approvals</b>		
Conformity marking	CE	
Korea Certification		
Marine applications	ABS, BV <sup>1)</sup> , DNV, GL, KR, LR, NKK, PRS, RINA	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4	
TÜV 07 ATEX 554086 X	I M2 Ex d I Mb, II 3 G Ex nA IIC T4 Gc, II 3 D Ex tc IIIC T135°C Dc	
IECEx TUN 09.0001 X	Ex d I Mb, Ex nA IIC T4 Gc, Ex tc IIIC T135°C Dc	

<sup>1)</sup> Does not apply to 753-55x

Technical Data	
No. of outputs	4
Current consumption typ. (internal)	60 mA
Power supply	via system voltage DC/DC
Signal current	0 - 20mA (750-553 / 753-553) 4 - 20mA (750-555 / 753-555)
Load impedance	either 0 ... 300 Ω or 300 ... 600 Ω (use same range of impedance for all loads!)
Resolution	12 bits
Conversion time (typ.)	10 ms
Recovery time (typ.)	100 ms
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	4 x 16 bits data 4 x 8 bits control/status (option)
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> / AWG 28 ... 14
Strip lengths, 750/753 Series	8 ... 9 mm / 0.33 in 9 ... 10 mm / 0.37 in
Width	12 mm
Weight	51.4 g
EMC immunity of interference	acc. to EN 61000-6-2, marine applications
EMC emission of interference	acc. to EN 61000-6-4, marine applications