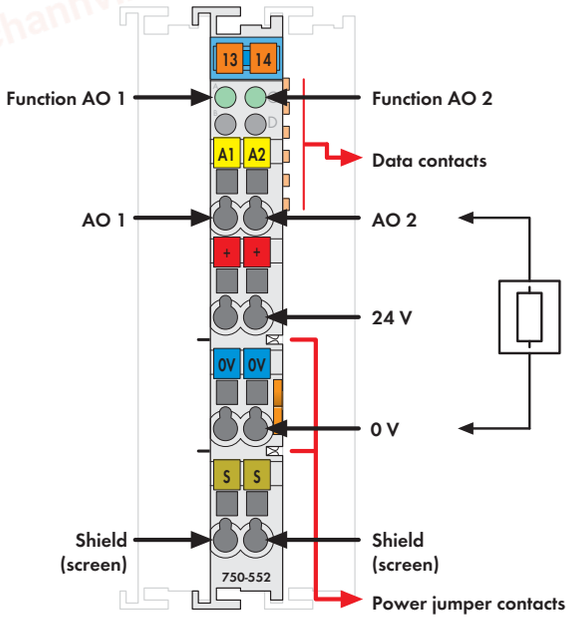
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750-552, 750-554 / 753-552, 753-554

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



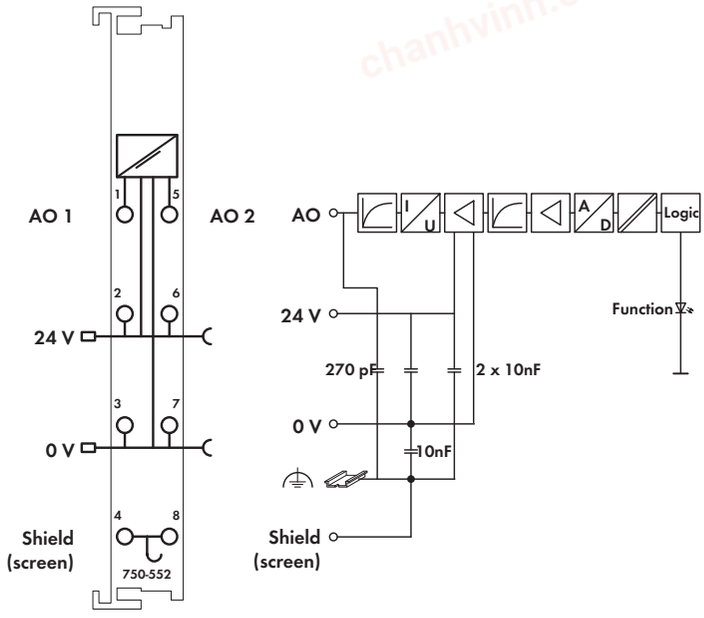


Fig. 750 Series
Delivered without miniature WSB markers

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

The output signal is electrically isolated and will transmit with a 12-bit resolution.

"Current" analog output modules use power derived from the field side (loop powered).

Description	Item No.	Pack. Unit
2AO 0-20mA	**750-552**	1
2AO 4-20mA	**750-554**	1
2AO 0-20mA/S5 [1]	**750-552/000-200**	1
2AO 0-20mA/T	**750-552/025-000**	1
Extended temperature range: -20 °C ... +60 °C		
2AO 4-20mA/S5 [1]	**750-554/000-200**	1
2AO 4-20mA/T	**750-554/025-000**	1
Extended temperature range: -20 °C ... +60 °C		
2AO 0-20mA (without connector)	**753-552**	1
2AO 4-20mA (without connector)	**753-554**	1

[1] 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 Section 11	

Approvals	
Conformity marking	CE
Korea Certification	KC
Marine applications (versions upon request)	ABS, BV, DNV, GL, KR, LR, NKK, PRS, RINA
cULus UL 508	
cULus 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

Technical Data	
No. of outputs	2
Current consumption typ. (internal)	70 mA
Voltage via power jumper contacts	24 V DC (-25 % ... +30 %)
Signal current	0 - 20mA (750-552 / 753-552)
	4 - 20mA (750-554 / 753-554)
Load impedance	< 600 Ω
Linearity	± 10 µA
Resolution	12 bits
Conversion time	approx. 2 ms
Measuring error (25 °C)	< ± 0.1 % of the full scale value
Temperature coefficient	< ± 0.01 % /K of the full scale value
	(750-552 / 753-552)
	< ± 0,015 % /K of the full scale value
	(750-554 / 753-554)
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
Strip lengths, 750/753 Series	8 ... 9 mm / 0.33 in
	9 ... 10 mm / 0.37 in
Width	12 mm
Weight	51 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