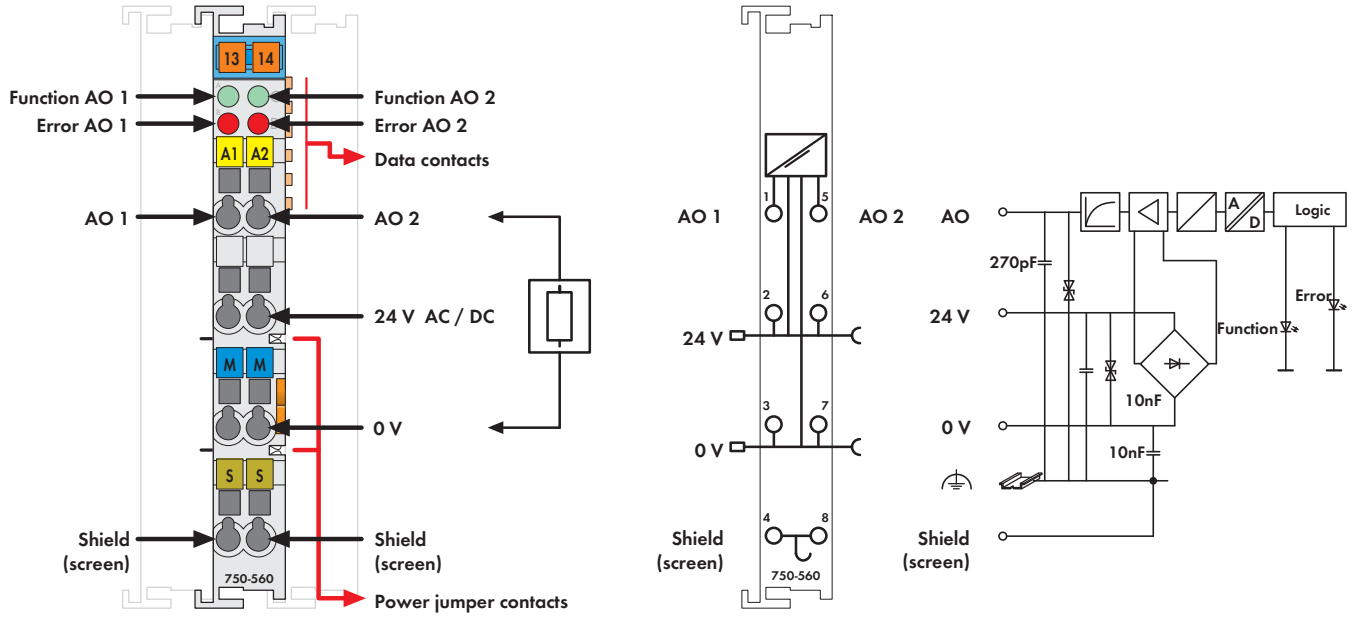
2-Channel Analog Output Module 0-10 V

10 bits, 10 mA



Delivered without miniature WSB markers

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

The output signal is electrically isolated and transmitted with a resolution of 10 bits.

The outputs are short-circuit proof.

Each channel is equipped with an LED to indicate short-circuits or overloads ≥ 15mA.

The shield (screen) is directly connected to the DIN rail.

Both the internal system and field side supply are used to power the module.

The output channels have one common ground potential.

The analog outputs and the 24V supply have one common ground potential so that actuators such as servo drives can be connected using a 3-conductor cable.

Description	Item No.	Pack. Unit
2AO 0-10 V DC 10 Bit 10mA 24V	**750-560**	1

Accessories		Item No.	Pack. Unit
Miniature WSB Quick marking system			
	plain	**248-501**	5
	with marking	see pages 352 ... 353	

Approvals

Also see "Approvals Overview" in Section 1

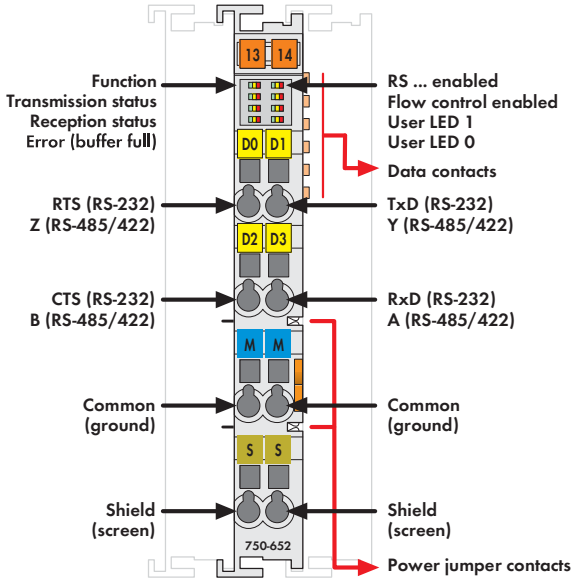
Conformity marking	CE
UL 508	
ANSI/ISA 12.12.01	pending
EN 60079-0, -15	pending
EN 61241-0, -1	

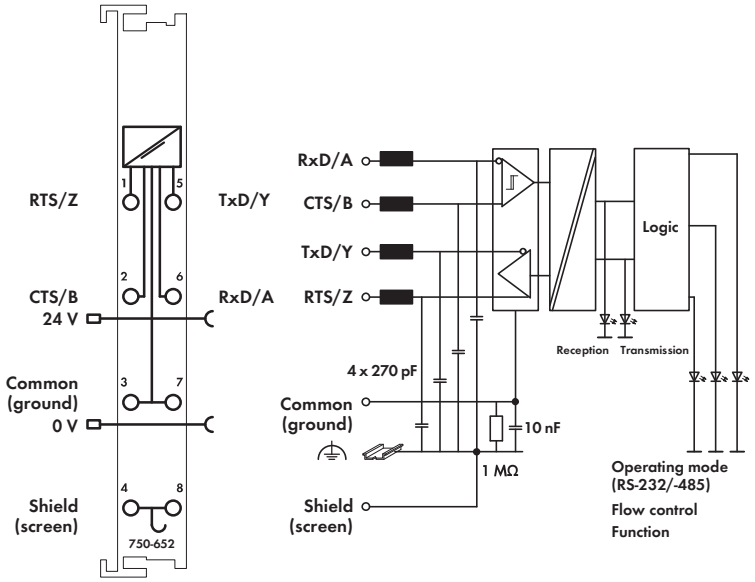
Technical Data

No. of outputs	2
Current consumption (internal)	16 mA
Voltage via power jumper contacts	24 V AC/DC
Signal voltage	0 V ... 10 V
Load impedance	≥ 1 kΩ
Resolution	10 bits
Conversion time	approx. 10 ms
Measuring error (25 °C)	< ± 0.2 % of the full scale value
Temperature coefficient	< ± 0.02 % /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 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped lengths	8 ... 9 mm / 0.33 in
Width	12 mm
Weight	53.5 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)

Serial Interface RS-232 / RS-485

Configurable





Delivered without miniature WSB markers

The serial interface module connects RS-485/422 or RS-232 C interface devices to the WAGO-I/O-SYSTEM 750. It also provides gateways between the serial interface and the fieldbus systems supported by the WAGO-I/O SYSTEM 750. No higher protocol level is required by the module. Communication to the associated fieldbus master is completely transparent. This provides for a broader application scope for the serial interface module. If required, communication protocols can be configured via fieldbus master.

The 2560 byte input buffer provides for high data baud rates. At lower baud rates, the data received in lower priority tasks is evaluated without data loss. The 512 byte output buffer provides fast transmission of larger data strings. The module can be configured via WAGO-I/O-CHECK or GSD files. Flexible baud rate and data width selection provides perfect adaptation to the respective application.

Compatibility with couplers/controllers:

See manual, Section 3 "Device Description"

Description	Item No.	Pack. Unit
RS-232 / RS-485 configurable	**750-652**	1
RS-232 / RS-485 configurable/T	**750-652/025-000**	1
(Operating temperature -20 °C ... +60 °C)		

Accessories	Item No.	Pack. Unit
WAGO-I/O-CHECK, RS-232 kit	**759-302**	1
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, DNV, GL, KR
UL 508	

Technical Data	
Transmission channels	1 TxD / 1 RxD, full duplex, half duplex
	7 or 8 bit data, 1 or 2 stop bit
Baud rate	9,600 baud (default setting)
	300 baud ... 115,200 baud
Bit transfer	RS-485/-422: ISO 8482 /
	DIN 66259 - 4; RS-232: EIA/TIA-232-F
Line length	RS-485/-422: max. approx. 1000 m
	twisted pair, RS-232: max. 40 m
Buffer	2560 bytes in / 512 bytes out
Current consumption (internal)	85 mA
Power supply	via system voltage DC/DC
Isolation	500 V system/supply
Internal bit width	1 x 46/1 x 24/1 x 6 bytes in/out
	(parametrizable), 2 bytes control/status
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped lengths	8 ... 9 mm / 0.33 in
Width	12 mm
Weight	51 g