

Analog Output; Configurable 0 ... 10 VDC; ±10 V



Figure: 750-562

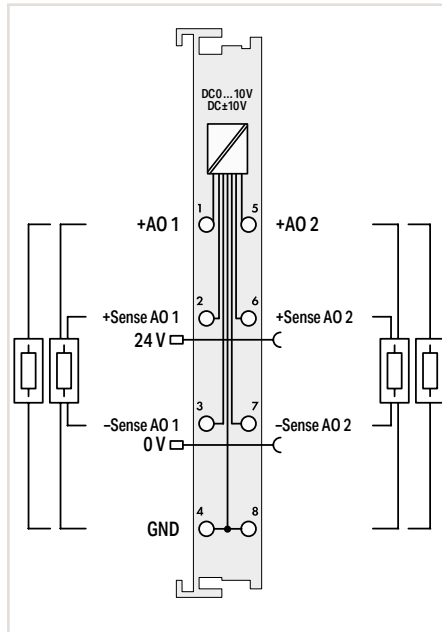
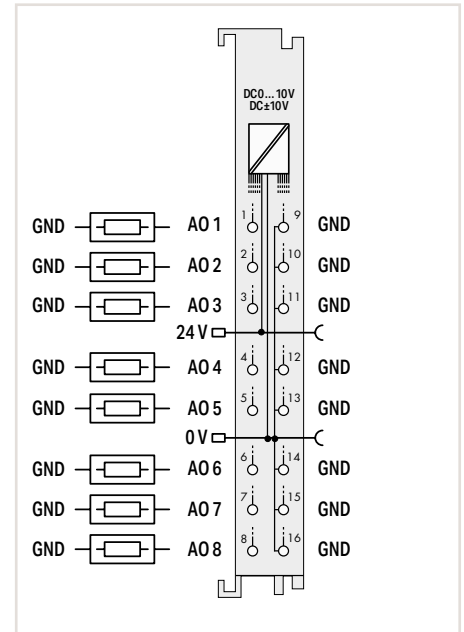


Figure: 750-597



Item Description	2-Channel Analog Output; 0 ... 10 VDC/±10 V; 16 bits	8-Channel Analog Output; 0 ... 10 VDC/±10 V
Version	Standard	Standard with 16 connectors
Item No.	750-562	750-597
Order Text	2AO; 0-10 V/±10 VDC; 16bits	8AO; 0-10 V/±10 VDC
Technical Data		
Number of analog outputs	2	8
Signal type	0 ... 10 V; ±10 V	0 ... 10 V; ±10 V
Actuator connection	2-wire; 4-wire	2-wire
Load impedance	> 5 kΩ	≥ 2 kΩ
Resolution	16 bits	12 bits
Conversion time	5 ms	13 ms
Output error (max.) at 25 °C	±0.05 % of the upper-range value	±0.1 % of the upper-range value
Temperature error (max.)	±100 ppm	±10 ppm/K of the upper-range value
Supply voltage (field)	24 VDC (-15 ... +20 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)	24 VDC (-15 ... +30 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)
Current consumption – system supply (5 V)	80 ... 170 mA	61 mA
Data width	2 x 16-bit data; 2 x 8-bit control/status (optional)	8 x 16-bit data; 8 x 8-bit control/status (optional)
Isolation	500 V (system/field)	500 V (system/field)
Surrounding air temperature (operation)	0 ... +55 °C	0 ... +55 °C
Dimensions W x H x D	12 x 69.8 x 100 mm	12 x 69 x 100 mm
Approvals	CE, UL, OrdLoc/HazLoc, ATEX/IECEX	CE, UL