

DA562

Dual Channel Isolation Transmitter for mA/V Signals

DA562



DA562 is specially designed for signal isolation and load amplification in the process industry.

Two independent and galvanically isolated channels allow for high-density mounting.

DA562 maintains a high isolation level (1,5 kV) between input, output and the two channels.

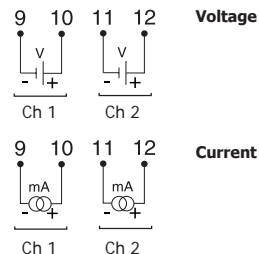
Current and voltage can be chosen independently as input and output signals.

- Two fully independent isolated channels
- Current and voltage input
- Current and voltage output
- Output test terminals
- 1 500 V isolation level
- Short response time
- High noise immunity
- Available for AC or DC power supply
- DIN-rail mounting
- Plug-in screw terminals

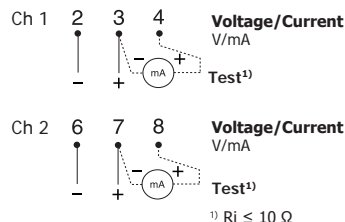
Specifications:

No. of channels	Two, independent selection of input/output signal	
Input Voltage	0(0.2)-1 V, 0(1)-5 V, 0(2)-10 V	
Input impedance	1 MΩ	
Input Current	0(4)-20 mA (standard setting)	
Input impedance	11.9 Ω	
Maximum input level	200 % of measurement span	
Output Voltage	0(0.2)-1 V, 0(1)-5 V, 0(2)-10 V, short circuit protected	
Minimum load	500 kΩ (error effect <0.1 %)	
Voltage limitation	Appr. 56 V	
Output Current	0(4)-20 mA, open or short circuit protected (standard setting)	
Maximum load	600 Ω	
Current limitation	Appr. 23 mA	
Test output	mA instrument, Ri ≤ 10 Ω	
Operation temperature	-20 to +60 °C / -4 to +140 °F	
Galvanic isolation	AC & DC version	
	Input to output	1 500 VAC, 1 min
	Input/output to power supply	2 200 VAC, 1 min
	Between channels	1 500 VAC, 1 min
Power supply	AC versions	230 VAC, -15..+10 %, 45..75 Hz, 115 VAC, -15..+10 %, 45..75 Hz
	DC version	19 to 60 VDC
Typical accuracy	±0.15 % of span	
Connections	Plug-in terminals	Stranded, ≤ 2.5 mm ² , AWG 14
Mounting	Rail acc. to DIN EN 50022, 35 mm	

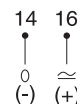
Input connections



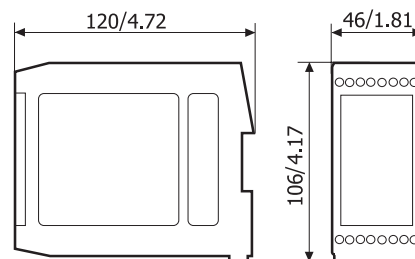
Output connections



Power supply



Dimensions



Ordering information

DA562, In/Out 0(4)-20 mA, 230 VAC	51MOE00008
DA562, In/Out 0(4)-20 mA, 115 VAC	51MOE00059
DA562, In/Out 0(4)-20 mA, 19-60 VDC	51MOE00009
Configuration for other range	70CAL00003