



2-channel analog input; 2- to 4-conductor connection; Differential input

Item No.: 750-454



2-channel analog input; 2- to 4-conductor connection; Differential input

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	750-454
GTIN / EAN	4045454483098
Content	1
Order amount	1
Customer item number	

Notes

Item description: The analog input module processes signals of a standard magnitude 4–20mA. The input signal is electrically isolated and is transmitted with a resolution of 12 bits. The internal system supply is used for the power supply of the module. The input channels are differential inputs. The shield (screen) is directly connected to the DIN rail.

Technical data

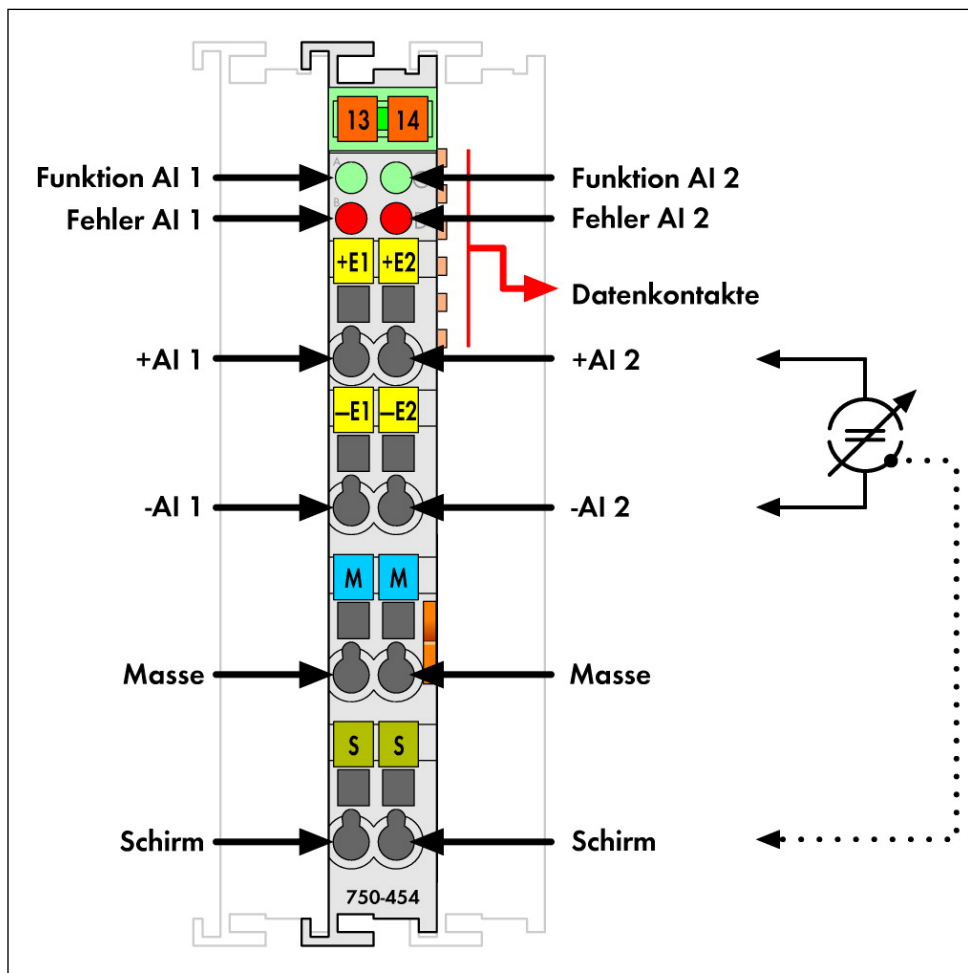
Miscellaneous

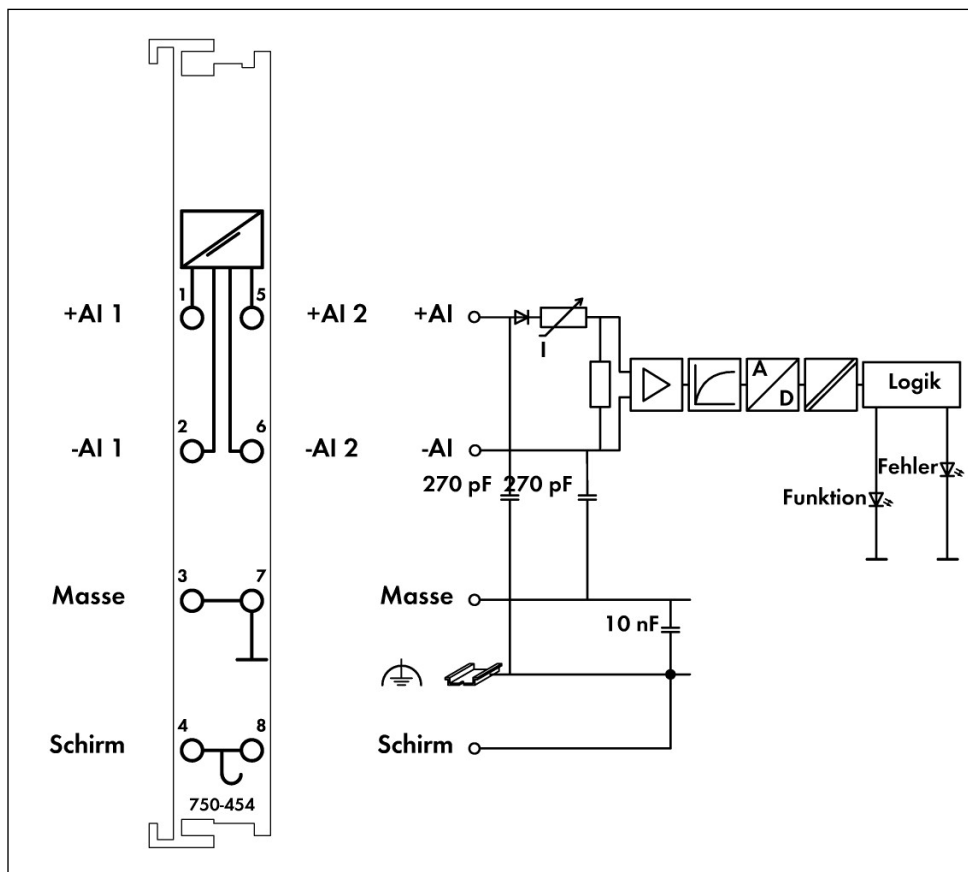
Color	light gray
Conformity marking	CE
Number of inputs	2

Technical data	
Power supply	via system voltage DC/DC
Isolation	500 V system/supply
Current consumption typ. (internal) [mA]	70 [mA]
Common mode voltage (max.)	35 V DC
Signal current	4 - 20mA
Input resistance	< 220 / 20mA
Resolution	12 bits
Conversion time (typ.) [ms]	2 [ms]
Measuring error (25 °C)	< ± 0.2 % of the full scale value
Temperature coefficient	< ± 0.01 % / K of the full scale value
Bit width	2 x 16-bit data; 2 x 8-bit control/status (optional)
Type of signal	4 ... 20 mA
Degree of protection	IP20
Connection technology	CAGE CLAMP®
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 Inch
Fire load [MJ]	1.113 [MJ]
Weight [g]	49.776 [g]
Width	12 mm / 0.472 Inch
Height	69.8 mm / 2.748 Inch
Height from upper-edge of DIN-35 rail	62.6 mm / 2.465 Inch
Depth	100 mm / 3.937 Inch
Storage temperature	-25 °C ... +85 °C
Relative air humidity (no condensation) [%]	95 [%]
Type of mounting	DIN-35 x 15 carrier rail
Operating temperature	0°C ... +55°C
EMC emission of interference	acc. to EN 61000-6-4, marine applications
EMC immunity to interference	acc. to EN 61000-6-2, marine applications
Shock resistance	acc. to IECacc. to IEC 60068-2-27
Vibration resistance	acc. to IECacc. to IEC 60068-2-6

Images & drawings







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Technische Änderungen und Irrtümer vorbehalten.