

4-channel analog input module; 4-20 mA; Single-ended

Item No.: 750-455



4-channel analog input module; 4-20 mA; Single-ended

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	750-455
EAN	4045454439606
Content	1
Order amount	1
Customer item number	

Notes

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 powers the module. The input channels of the module have one common ground potential.

Technical data

Miscellaneous

Color	light gray
Conformity marking	CE
Number of inputs	4
Power supply	via system voltage DC/DC
Isolation	500 V system/supply
Current consumption (internal) [mA]	65 [mA]
Input voltage (max.)	32V
Signal current	4 - 20mA

Technical data	
<i>Input resistance</i>	< 100 / 20mA
<i>Resolution</i>	12 bits
<i>Conversion time (typ.) [ms]</i>	10 [ms]
<i>Measuring error (25°C)</i>	< ± 0.2 % of the full scale value
<i>Temperature coefficient</i>	< ± 0.01 % / K of the full scale value
<i>Bit width</i>	4 x 16 bits data 4 x 8 bits control/status (optional)
<i>Degree of protection</i>	IP20
<i>Connection technology (1)</i>	CAGE CLAMP®
<i>Cross section from (1) [mm²]</i>	0.08 [mm²]
<i>Cross section up to (1) [mm²]</i>	2.5 [mm²]
<i>Cross section from (1) [AWG]</i>	28 [AWG]
<i>Cross section up to (1) [AWG]</i>	14 [AWG]
<i>Stripped length from (1) [mm]</i>	8 [mm]
<i>Stripped length up to (1) [mm]</i>	9 [mm]
<i>Stripped length (1) [in]</i>	0.33 [in]
<i>Fire load [MJ]</i>	1.234 [MJ]
<i>Weight [g]</i>	51 [g]
<i>Width [mm]</i>	12 [mm]
<i>Width [in]</i>	0.472 [in]
<i>Height [mm]</i>	64 [mm]
<i>Height [in]</i>	2.52 [in]
<i>Length [mm]</i>	100 [mm]
<i>Length [in]</i>	3.937 [in]
<i>Storage temperature</i>	-25 °C ... +85 °C
<i>Relative air humidity (no condensation) [%]</i>	95 [%]
<i>Type of mounting</i>	DIN 35 rail
<i>Operating temperature</i>	0°C ... +55°C
<i>EMC: marine applications - emission of interference</i>	acc. to Germanischer Lloyd (2003)
<i>EMC: marine applications - immunity to interference</i>	acc. to Germanischer Lloyd (2003)
<i>EMC: CE - emission of interference</i>	acc. to EN 61000-6-4 (2007)
<i>EMC: CE - immunity to interference</i>	acc. to EN 61000-6-2 (2005)
<i>Shock resistance</i>	acc. to IEC 60068-2-27
<i>Vibration resistance</i>	acc. to IEC 60068-2-6

Approbation

Item No.	Registration	Registration no.	Voltage [V]	Current [A]	Cross section [mm², AWG]
750-455	ABS	03-HG374860/3-PDA			
750-455	ABS	10-HN1775034-X			
750-455	BSH	Bescheinigung Nr. 467			
750-455	BV	13453/C0 BV			
750-455	DNV	A-12306			
750-455	GL	26 898 - 05 HH			
750-455	IECEX	IECEX PTB 07.0067/01			
750-455	KR	HMB05880-AC003			
750-455	LR	02/20026 (E4)			
750-455	NK	TA12716M			
750-455	Rina	ELE134212XG			
750-455	UL	08 ATEX 142851 X			
750-455	UL	E175199 Sec.1			
750-455	UL	E198726 Sec.1			

Accessories

Accessories

Carrier rail

Item no.	Description	Pack. unit (Sub Pack)
210-112	Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to en 60715; "Hole width 25 mm	1
210-113	Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to en 60715	1
210-114	Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; according to en 60715	1
210-115	Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to en 60715; "Hole width 18 mm	1
210-118	Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to en 60715	1
210-196	Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; according to en 60715	1
210-197	Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; according to en 60715	1
210-198	Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to en 60715	1
210-504	Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715	1
210-505	Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715	1
210-506	Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; ähnlich EN 60715	1
210-508	Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; ähnlich EN 60715	1

Accessories*Marking accessories*

Item no.	Description	Pack. unit (Sub Pack)
2009-145	Mini-WSB Inline; plain; 1,700 Mini-WSB markers (5 mm) on roll; stretchable 5 - 5.2 mm	1
248-501	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-002	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-005	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-006	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-007	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-012	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-017	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-023	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
248-501/000-024	Miniature WSB quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	5
750-100	Markers for group marker carrier; DIN A4 sheet (160 markers)	1
750-103	750/753 Series marker carrier	50

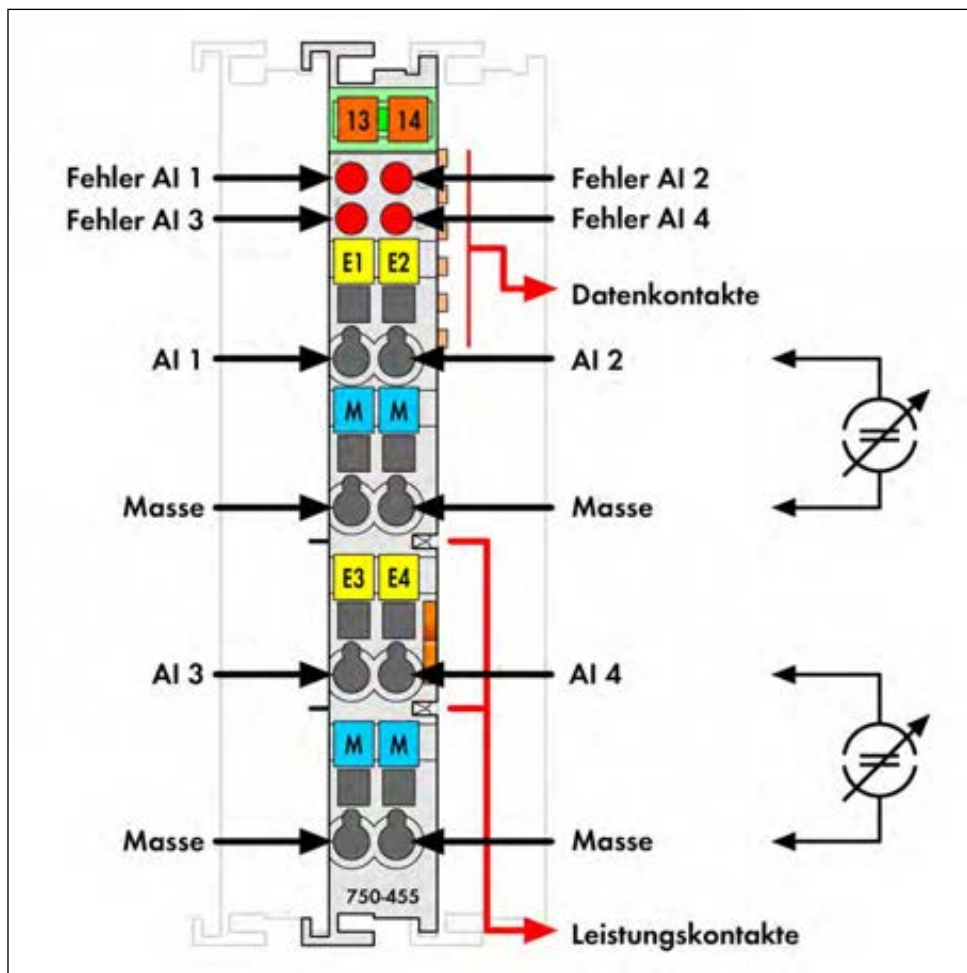
Accessories

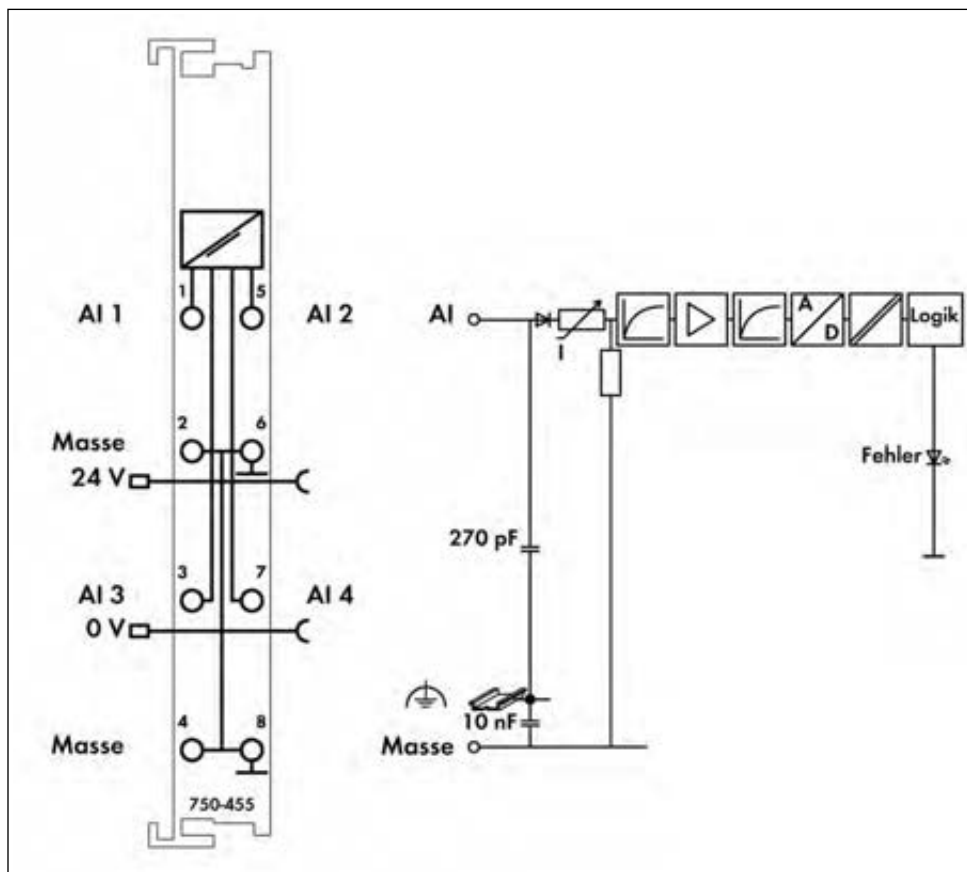
General accessory

Item no.	Description	Pack. unit (Sub Pack)
210-719	Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm; suitable for 279, 726, 727, 2000, 2001 and 2020 series	1
210-720	Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm; suitable for 260, 261, 262, 264, 270, 280, 281, 290, 775, 776, 777, 769, 780, 781, 869, 870, 880, 2002, 2003, 2004, 2005 and 2022 Series	1
288-812	Power supply unit; with universal mounting carrier; AC 230 V / DC 24 V,; Output voltage indication	1
288-813	Power supply unit; with universal mounting carrier; AC 115 V / DC 24 V,; Output voltage indication	1
790-108	Shield clamping saddle; 11 mm wide; diameter of compatible conductor; up to 8 mm	10
790-116	Shield clamping saddle; 19 mm wide; diameter of compatible conductor; 7 mm to 16 mm	10
790-124	Shield clamping saddle; 27 mm wide; diameter of compatible conductor; 6 mm to 24 mm	10
790-140	Shield clamping saddle; 43 mm wide; diameter of compatible conductor; 22 mm to 40 mm	10

Images & drawings







Address

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Technische Änderungen und Irrtümer vorbehalten.