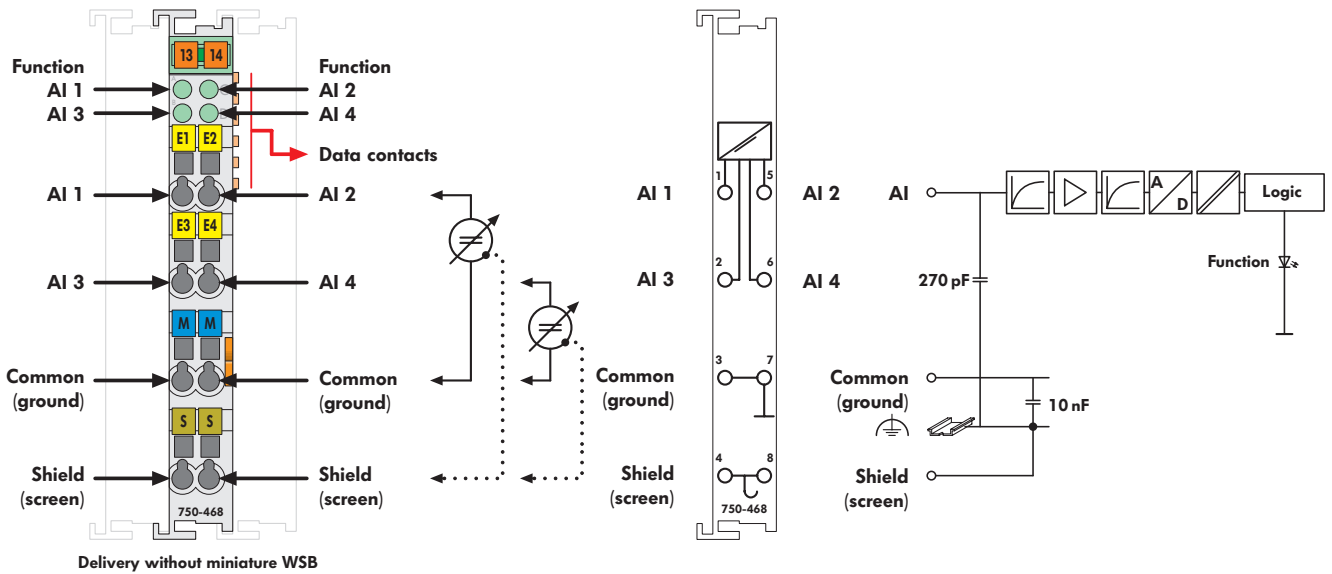


4-Channel Analog Input Module 0-10 V

single-ended (S.E.)




The analog input module receives signals with the standard-ized values of 0-10 V.

The input signal is electrically isolated and will be transmitted with a resolution of 12 bits.

The internal system supply is used for the power supply of the module.

The input channels of a module have one common ground potential.

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

Description	Item-No.	Pack.-unit pcs	Technical Data
4AI 0-10V DC single ended	750-468	1	No. of inputs 4
4AI 0-10V DC S.E., w/S5 ¹⁾	750-468/000-200	1	Voltage supply via system voltage DC / DC
			Current consumption _{typ.} (internal) 60 mA
			Input voltage _{max.} 35 V
			Signal voltage 0 V ... 10 V
			Internal resistance _{typ.} 133 kΩ
			Resolution 12 bits
			Conversion time _{typ.} 4 ms
			Measuring error _{25°C} ≤ ±0.2 % of the full scale value
			Temperature coefficient < ±0.01 % / K of the full scale value
			Isolation 500 V system / supply
			Bit width 4 x 16 bits data
			4 x 8 bits control / status (option)
General specifications			
Operating temperature	0°C ... +55°C		
Wire connection CAGE CLAMP®	0.08 mm² ... 2.5 mm²; AWG 28 ... 14		
	8 ... 9 mm / 0.33 in stripped length		
Dimensions (mm) W x H x L	12 x 64* x 100		
	* from upper edge of 35 DIN rail		
Weight	ca 55 g		
Storage temperature	-25°C ... +85°C		
Relative air humidity	95% no condensation		
Vibration and shock resistance	acc. to IEC 60068-2-6 acc. to IEC 60068-2-27		
Degree of protection	IP 20		
EMC CE - Immunity to interference	acc. to EN 50082-2 (1996)		
EMC CE - Emission of interference	acc. to EN 50081-1 (1993)		
EMC marine applications - Immunity to interf.	acc. to Germanischer Lloyd (1997)		
EMC marine applications - Emission of interf.	acc. to Germanischer Lloyd (1997)		
Approvals			
UL and marine applications	see pages 1.10 ... 1.13		
Conformity marking	II 3 G EEx nA II T4, Class I Div2 ABCD T4A CE		
Accessories			
	Item-No.	Pack.-unit pcs	
	Miniature WSB quick marking system		
	plain 248-501	5	
	with marking see pages 1.174 ... 1.175		