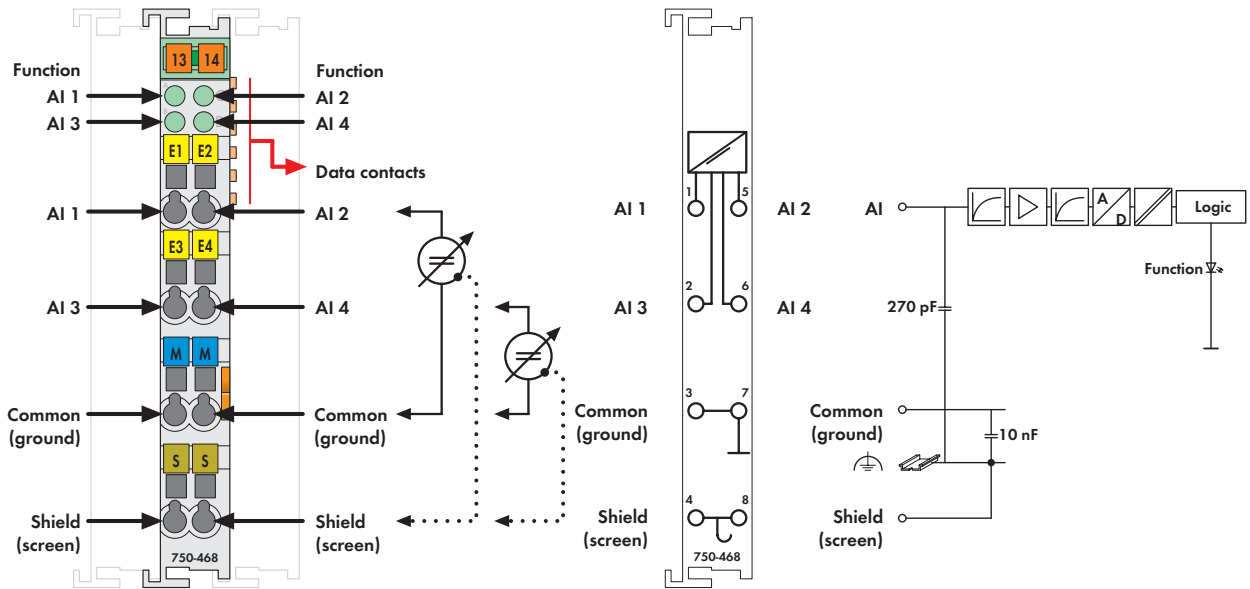



4-Channel Analog Input Module 0-10 V

Single-ended (S.E.)



Delivered without miniature WSB markers

The analog input module receives signals with the standardized values of 0-10V.
 The input signal is electrically isolated and will be transmitted with a resolution of 12 bits.
 The internal system voltage 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
4AI 0-10V DC S.E.	750-468	1
4AI 0-10V DC S.E. S5 ²⁾	750-468/000-200	1
4AI 0-10V DC S.E./T	750-468/025-000	1
(Operating temperature -20 °C ... +60 °C)		
²⁾ Data format for S5 control with FB 251		
Accessories	Item No.	Pack. Unit
Miniature WSB Quick marking system		
 plain	248-501	5
with marking	see pages 352 ... 353	
Approvals		
Conformity marking	CE	
Shipbuilding (versions upon)	ABS, BV, DNV, GL, KR, LR, NKK, PRS, RINA	
UL 508		
ANSI/ISA 12.12.01	Class I Div2 ABCD T4	750-468, 750-468/000-200
EN 60079-0, -15	I M2 / II 3 GD Ex nA IIC T4	750-468,
EN 61241-0, -1		750-468/000-200

Technical Data	
Number of inputs	4
Power supply	via system voltage DC/DC
Current consumption typ. (internal)	60 mA
Input voltage (max.)	35V
Signal voltage	0 ... 10 V
Internal resistance	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 (optional)
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm ² ... 2.5 mm ² / AWG 28 ... 14
Stripped lengths	8 ... 9 mm / 0.33 in
Width	12 mm
Weight	52.5 g
	52 g
EMC: CE - immunity to interference	acc. to EN 61000-6-2 (2005)
EMC: CE - emission of interference	acc. to EN 61000-6-4 (2007)