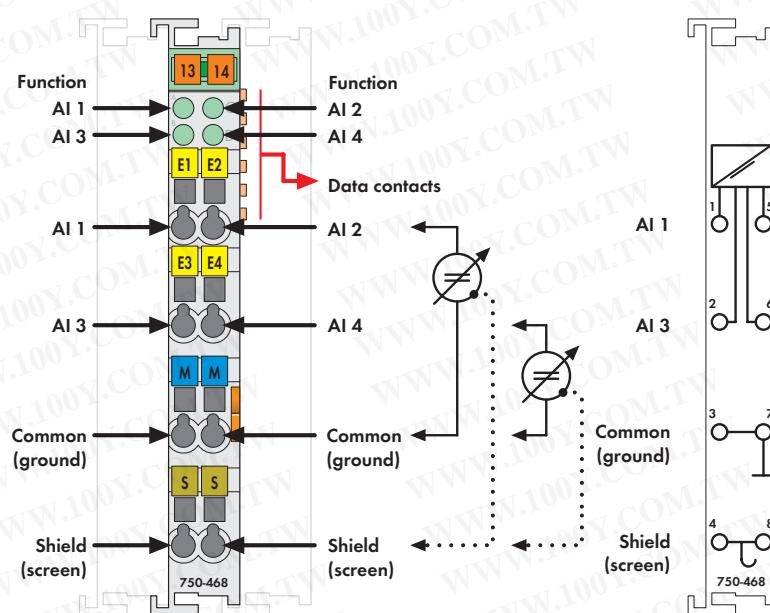


4-Channel Analog Input Module 0-10 V

single-ended (S.E.)



Delivery without Mini WSB marker

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

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

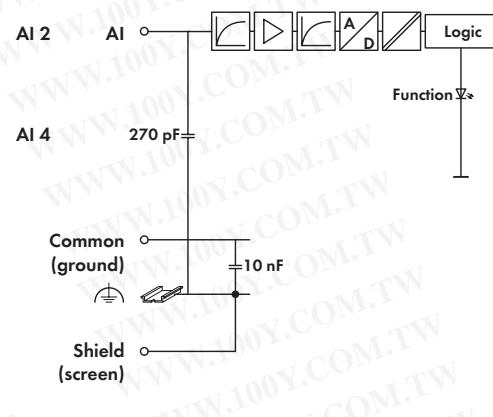
The internal system voltage supply is used for the power supply of the module.

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

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

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787

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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



plain
with marking see pages 256 ... 257

Approvals	
Series 750	
Conformity marking	CE
• UL 508	
• ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4
EN 60079-15	I M2 / II 3 GD Ex nA IIC T4
Marine applications	see "Approvals Overview" in section 1

Technical Data	
No. of inputs	4
Voltage supply	via system voltage DC/DC
Current consumption typ. (internal)	60 mA
Input voltage (max.)	35 V
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
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 interference	acc. to Germanischer Lloyd (2003)
EMC marine applications - Emission of interference	acc. to Germanischer Lloyd (2003)

4通道 模拟量输入模块 0 - 10 V 单端

包装单位 1 件

RoHS compliant

项目组	15 (I/O系统)
输入数量	4
供电电压	通过系统电压 DC/DC
典型电流消耗 (内部)	60 mA
输入电压	DC 35 V
信号电压	0 - 10 V
内阻(kOhm)	133 kOhm
分辨率	12 Bit
典型转换时间	4 ms
测量误差(25°)	< ± 0.2 % 满量程
温度系数	< ± 0.01 % / 满量程 K
隔离	500 V 系统/供电
数据大小	4 x 16位 数据 ; 4 x 8位 控制器/状态 (可选择)
工作温度	0 °C ... + 55 °C
储藏温度	-25 °C ... +85 °C
空气相对湿度	95 %
抗振动	符合 IEC 60068-2-6标准
抗冲击	符合 IEC 60068-2-27标准
保护等级	IP 20
EMC 船舶应用-抗干扰性	通过Germanischer Lloyd (2003)认证
EMC 船舶应用-辐射干扰	通过Germanischer Lloyd (2003)认证
认证标记	CE
认证	ATEX
最小可接导线截面积 [mm ²]	0,08 - 2,5 mm ²
最小可接导线截面积 [AWG]	28 - 14 AWG
连接方式	CAGE CLAMP® CONNECTION
重量	52,5 g
颜色	浅灰色
高度	64 mm
高度	2,52 in
厚度	12 mm
厚度	0,472 in
宽度	100 mm
宽度	3,937 in
最小剥线长度	8 mm
最大剥线长度	9 mm
剥线长度	0,33 in
安装	TS 35

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