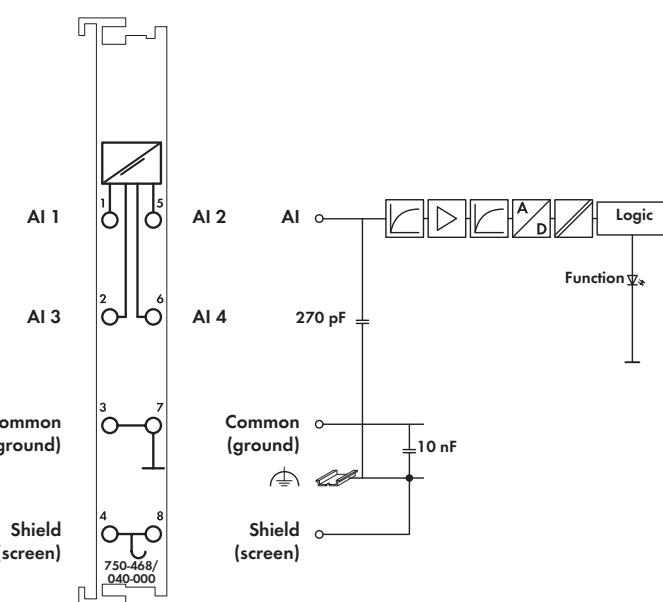
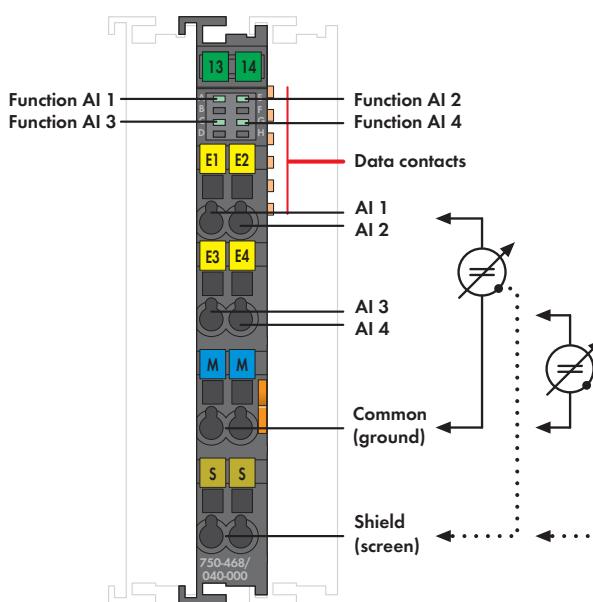


## 4-Channel Analog Input Module 0-10 V

for eXTReme environmental conditions; single-ended



The analog input module processes standard 0–10 V signals. The input signal is electrically isolated and transmitted with a resolution of 12 bits. The internal system supply powers the module. The input channels of the module have a common ground potential. The shield (screen) is directly connected to the DIN rail.

The module is ideally suited for operation in harsh environmental conditions:

- strongly extended temperature range
- higher dielectric strength and EMC resistance
- higher vibration and shock resistance

Description	Item No.	Pack. Unit
4AI 0-10V DC S.E. / XTR	750-468/040-000	1
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Accessories	Item No.	Pack. Unit
Miniature WSB Quick marking system		
plain	248-501	5
with marking	see Section 11	
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Approvals		
Conformity marking	CE	
Korea Certification	KC	
Marine applications	GL, LR	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4	
TÜV 17 ATEX 193969 X	II 3G Ex ec IIC T4 Gc	
IECEx TUN 16.0046 X	Ex ec IIC T4 Gc	
<hr/>		
Technical Data		
Wire connection	CAGE CLAMP®	
Cross sections	0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> / AWG 24 ... 14	
Strip lengths	8 ... 9 mm / 0.33 in	
Dimensions (mm) W x H x L	12 x 62 x 100 Height from upper-edge of DIN 35 rail	
Weight	52.5 g	
Operating temperature	-40 °C ... +70 °C	
Storage temperature	-40 °C ... +85 °C	
Relative humidity	Max. 95 % short-term condensation per Class 3K7/IEC EN 60721-3-3 and E DIN 40046-721-3 (except wind-driven precipitation, water and ice formation)	
Operating altitude	without temperature derating: 0 m ... 2000 m; with temperature derating: 2000 m ... 5000 m (0.5 K/100 m); max.: 5000 m	

Technical Data
Number of inputs
Signal characteristic
Signal voltage
Input voltage (max.)
Internal resistance
Conversion time (typ.)
Resolution
Measuring error (25 °C)
Temperature coefficient
Current consumption typ. (internal)
Rated surge voltage
Bit width
EMC immunity of interference
EMC emission of interference
Vibration resistance
Shock resistance