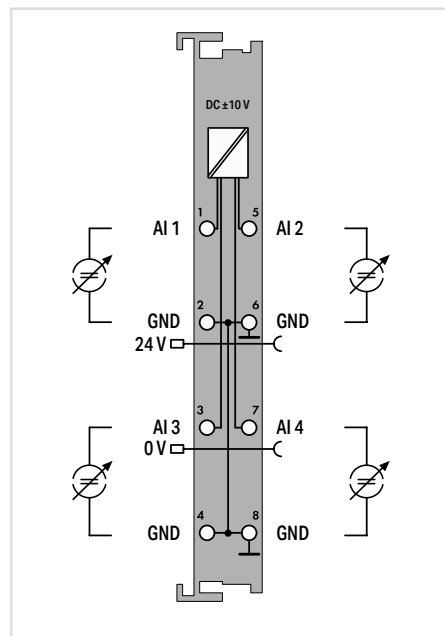
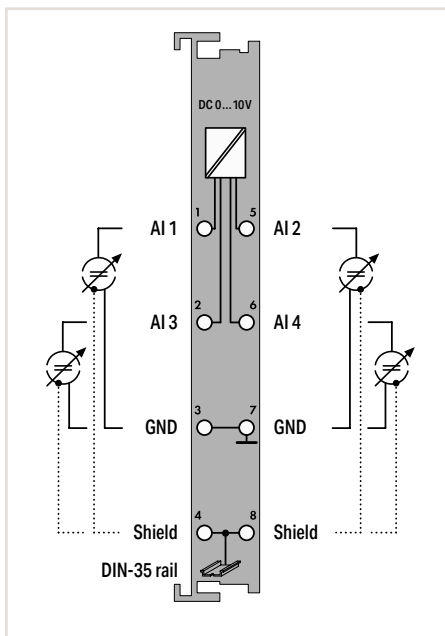


## Analog Input; 0 ... 10 VDC or ±10 VDC



Item Description
Version
Item no.
Order text

4-Channel Analog Input; 0 ... 10 VDC; single-ended
Extreme
750-468/040-000
4AI; 0-10 VDC; SE; XTR

4-Channel Analog Input; ±10 VDC; single-ended
Extreme
750-457/040-000
4AI; ±10 VDC; SE; XTR

Technical Data	
Number of analog inputs	4
Signal type	0 ... 10 V
Signal characteristic	Single-ended
Resolution	12 bits
Conversion time	4 ms
Input resistance	133 kΩ
Input voltage (max.)	35 V
Measuring error max., 25 °C	±0.2 % of the upper-range value
Temperature error max.	±0.01 % / K of the upper-range value
Supply voltage (field)	

4
0 ... 10 V
Single-ended
12 bits
4 ms
133 kΩ
35 V
±0.2 % of the upper-range value
±0.01 % / K of the upper-range value

4
±10 V
Single-ended
12 bits
10 ms
> 100 kΩ
±40 V
±0.1 % of the upper-range value
±0.01 % / K of the upper-range value

24 VDC (-25 ... 30 %); via power jumper contacts (power supply via blade contact; transmission via spring contact);  
Specified values for surrounding air temperature:  
+15 ... +35 °C;  
for -40 ... +55 °C: 24 V (-25 ... +20 %);  
for +55 ... +70 °C: 24 V (-25 ... +10 %);  
Lower limit in all temperature ranges:  
-27.5 % (including 15 % residual ripple)

Current consumption – system supply (5 V)	60 mA
Rated surge voltage	1 kV
Data width	4 x 16-bit data; 4 x 8-bit control/status (optional)
Surrounding air temperature (operation)	-40 ... +70 °C
Dimensions W x H x D	12 x 67.8 x 100 mm

60 mA
1 kV
4 x 16-bit data; 4 x 8-bit control/status (optional)
-40 ... +70 °C
12 x 67.8 x 100 mm

65 mA
1 kV
4 x 16-bit data; 4 x 8-bit control/status (optional)
-40 ... +70 °C
12 x 67.8 x 100 mm

Approvals	CE; Marine; OrdLoc/HazLoc; ATEX/IECEx
Data sheet and further information, see:	wago.com/750-468/040-000

CE; Marine; OrdLoc/HazLoc; ATEX/IECEx
wago.com/750-468/040-000

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