



• -10 V to +10 V	Yes
Output ranges, current	
• 0 to 20 mA	Yes
Load impedance (in rated range of output)	
• with voltage outputs, min.	5 kΩ
• with current outputs, max.	0.5 kΩ
<b>Analog value generation for the inputs</b>	
Integration and conversion time/resolution per channel	
• Resolution with overrange (bit including sign), max.	12 bit
• Basic conversion time (ms)	< 0.25 ms
• Interference voltage suppression for interference frequency f1 in Hz	40 dB, DC to 60 Hz
Displayable conversion value range	
• bipolar signals	-32 000 to +32 000
• unipolar signals	<a href="#">0 to 32 000</a>
<b>Analog value generation for the outputs</b>	
Integration and conversion time/resolution per channel	
• Resolution with overrange (bit including sign), max.	11 bit
Settling time	
• for voltage output	100 μs
• for current output	2 ms
Displayable conversion value range	
• bipolar signals	-32 000 to +32 000
• unipolar signals	<a href="#">0 to 32 000</a>
<b>Errors/accuracies</b>	
Operational error limit in overall temperature range	
• Voltage, relative to output range, (+/-)	2 %
• Current, relative to output range, (+/-)	2 %
Basic error limit (operational limit at 25 °C)	
• Voltage, relative to output range, (+/-)	0.5 %
• Current, relative to output range, (+/-)	0.5 %
Interference voltage suppression for $f = n \times (f1 \pm 1 \%)$ , f1 = interference frequency	
• Common mode voltage, max.	12 V
<b>Interrupts/diagnostics/status information</b>	
Diagnostics indication LED	
• external fault EXTF (red)	Yes
<b>Potential separation</b>	
Potential separation analog inputs	
• Potential separation analog inputs	No
Potential separation analog outputs	
• Potential separation analog outputs	No
<b>connection method</b>	
Plug-in I/O terminals	No
<b>Dimensions</b>	
Width	71.2 mm
Height	80 mm
Depth	62 mm
<b>Weights</b>	
Weight, approx.	186 g

last modified: 5/22/2024 