

# Analog Signal Conditioning Module in DIN-Rail-mountable Enclosure

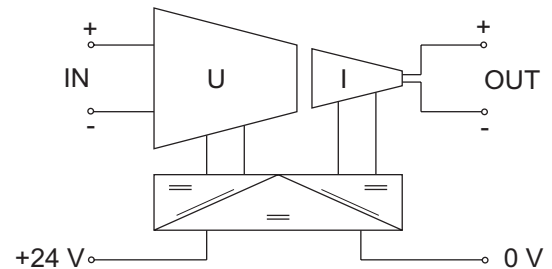
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Input signal  $\pm 10\text{ V}$

Data sheet



Similar illustration



Description	Item-No.	Pack.-unit pcs																																								
Measuring output $\pm 20\text{ mA}$	787-368	1																																								
<ul style="list-style-type: none"> <li>• Analog signal conditioning module for signal transformation, amplification and transmission with electrical isolation of input and output of standard signals.</li> <li>• Electrical isolated supply of input and output via DC/DC-converter.</li> <li>• Module in DIN-rail mountable enclosure.</li> <li>• Multi connection system. (WAGO series 734)</li> </ul>	<p><b>Technical Data</b></p> <p><b>Measuring input:</b></p> <table border="1"> <tr><td>Input signal</td><td><math>\pm 10\text{ V}</math></td></tr> <tr><td>Max. input voltage</td><td><math>\pm 13\text{ V}</math></td></tr> <tr><td>Input resistance</td><td><math>&gt; 100\text{ k}\Omega</math></td></tr> </table> <p><b>Measuring output:</b></p> <table border="1"> <tr><td>Output signal</td><td><math>\pm 20\text{ mA}</math></td></tr> <tr><td>Working resistance</td><td><math>\leq 500\ \Omega</math></td></tr> </table> <p><b>Transmission characteristics:</b></p> <table border="1"> <tr><td>Transmission error (measuring range)</td><td><math>\leq 0.1\ \%</math></td></tr> <tr><td>Offset error (measuring range)</td><td><math>\leq 0.1\ \%</math></td></tr> <tr><td>Temperature coefficient (full scale)</td><td><math>\leq 0.02\ \%/ \text{K}</math></td></tr> <tr><td>Critical frequency (Sinus)</td><td>1 kHz</td></tr> <tr><td>Isolation voltage input/output</td><td>4 kV, 50 Hz, 1 min</td></tr> <tr><td>input/output/auxiliary</td><td>1 kV, 50 Hz, 1 min</td></tr> </table> <p><b>General data:</b></p> <table border="1"> <tr><td>Supply voltage RR <math>\leq 6\ \%</math> input/output</td><td>DC 20-30 V</td></tr> <tr><td>Current consumption input/output</td><td>80 mA</td></tr> <tr><td>Nominal voltage acc. to VDE 0110/ 1.89</td><td>250 V / 4 kV / 3</td></tr> <tr><td>Ambient operating temperature</td><td>0 °C...+55 °C</td></tr> <tr><td>Storage temperature</td><td>-40 °C...+80 °C</td></tr> <tr><td>Dimensions (WxHxD)</td><td>(22,5x105* x74)mm (0.89x4.13* x2.91)in * from upper edge of DIN 35 rail</td></tr> <tr><td>Wire connection</td><td>Plugg. connector with CAGE CLAMP® (WAGO series 734)</td></tr> <tr><td></td><td>0,08-1,5 mm<sup>2</sup> / AWG 28-16</td></tr> <tr><td>Stripped length</td><td>7 mm / 0.28 in</td></tr> </table>		Input signal	$\pm 10\text{ V}$	Max. input voltage	$\pm 13\text{ V}$	Input resistance	$> 100\text{ k}\Omega$	Output signal	$\pm 20\text{ mA}$	Working resistance	$\leq 500\ \Omega$	Transmission error (measuring range)	$\leq 0.1\ \%$	Offset error (measuring range)	$\leq 0.1\ \%$	Temperature coefficient (full scale)	$\leq 0.02\ \%/ \text{K}$	Critical frequency (Sinus)	1 kHz	Isolation voltage input/output	4 kV, 50 Hz, 1 min	input/output/auxiliary	1 kV, 50 Hz, 1 min	Supply voltage RR $\leq 6\ \%$ input/output	DC 20-30 V	Current consumption input/output	80 mA	Nominal voltage acc. to VDE 0110/ 1.89	250 V / 4 kV / 3	Ambient operating temperature	0 °C...+55 °C	Storage temperature	-40 °C...+80 °C	Dimensions (WxHxD)	(22,5x105* x74)mm (0.89x4.13* x2.91)in * from upper edge of DIN 35 rail	Wire connection	Plugg. connector with CAGE CLAMP® (WAGO series 734)		0,08-1,5 mm <sup>2</sup> / AWG 28-16	Stripped length	7 mm / 0.28 in
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