

Analog Signal Conditioning Module in DIN-Rail-mountable Enclosure

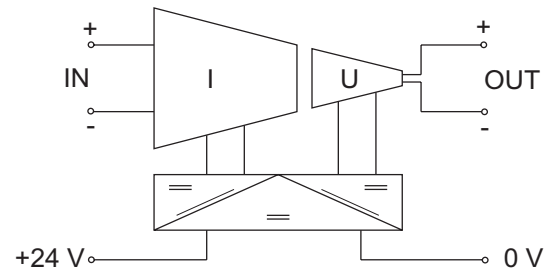
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Input signal 0-20 mA

Data sheet



Similar illustration



Description	Item-No.	Pack.-unit pcs																																																		
Measuring output ± 10 V	787-373	1																																																		
<ul style="list-style-type: none"> • Analog signal conditioning module for signal transformation, amplification and transmission with electrical isolation of input and output of standard signals. • Electrical isolated supply of input and output via DC/DC-converter. • Module in DIN-rail mountable enclosure. • Multi connection system. (WAGO series 734) 	<p>Technical Data</p> <p>Measuring input:</p> <table border="1"> <tr><td>Input signal</td><td>0-20 mA</td></tr> <tr><td>Max. input current</td><td>22 mA</td></tr> <tr><td>Input resistance</td><td>$\leq 250 \Omega$</td></tr> </table> <p>Measuring output:</p> <table border="1"> <tr><td>Output signal</td><td>± 10 V</td></tr> <tr><td>Working resistance</td><td>$\geq 2 \text{ k}\Omega$</td></tr> </table> <p>Transmission characteristics:</p> <table border="1"> <tr><td>Transmission error (full scale)</td><td>$\leq 0.1 \%$</td></tr> <tr><td>Offset error (full scale)</td><td>$\leq 0.1 \%$</td></tr> <tr><td>Temperature coefficient (full scale)</td><td>$\leq 0.02 \%$ / K</td></tr> <tr><td>Critical frequency (Sinus)</td><td>1 kHz</td></tr> </table> <p>Isolation voltage</p> <table border="1"> <tr><td>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>General data:</p> <table border="1"> <tr><td>Supply voltage RR $\leq 6 \%$</td><td></td></tr> <tr><td>input/output</td><td>DC 20-30 V</td></tr> <tr><td>Current consumption</td><td></td></tr> <tr><td>input/output</td><td>80 mA</td></tr> <tr><td>Nominal voltage</td><td></td></tr> <tr><td>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</td></tr> <tr><td></td><td>* 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 mm² / AWG 28-16</td></tr> <tr><td>Stripped length</td><td>7 mm / 0.28 in</td></tr> <tr><td>EMC-test IEC 801-2/4/5</td><td>Grade B met acc.to EN50082 P.2 (3.94)</td></tr> </table>		Input signal	0-20 mA	Max. input current	22 mA	Input resistance	$\leq 250 \Omega$	Output signal	± 10 V	Working resistance	$\geq 2 \text{ k}\Omega$	Transmission error (full scale)	$\leq 0.1 \%$	Offset error (full scale)	$\leq 0.1 \%$	Temperature coefficient (full scale)	$\leq 0.02 \%$ / K	Critical frequency (Sinus)	1 kHz	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 ² / AWG 28-16	Stripped length	7 mm / 0.28 in	EMC-test IEC 801-2/4/5	Grade B met acc.to EN50082 P.2 (3.94)
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