



## Statement of Conformity

Declaration: ATEX Zone 2 apparatus

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The electrical apparatus manufactured by complies with and may be marked with	<b>IsoAmp® PWR A 20100 F0</b>  <b>Knick Elektronische Messgeräte GmbH &amp; Co. KG</b>  <b>EN 60079-0: 2012 / A11: 2013</b> <b>EN 60079-15: 2010</b>   <b>II 3 G Ex nA IIC T6 Gc X</b>		
Description	Repeater power supply used for the supply of a 2-wire transmitter via a 4 ... 20 mA current loop with 0/4 ... 20 mA and 0 ... 10 V output.		
Electrical Data	Current Loop (terminals 1+, 2-) 4 ... 20 (22) mA, 16.5 V Signal Output (terminals 5-, 6+) 22 mA, 11 V Power Supply (terminals 3-, 4+) 24 VDC (+/-15%), 0.6 W (SELV)  The current loop circuit is galvanically separated from the signal output circuit and from power supply up to a peak voltage of 300 V. The signal output circuit and power supply are galvanically separated from each other up to a peak voltage of 60 V.  The ambient temperature range is 0 °C ≤ Ta ≤ +55 °C.		
Specific Conditions of Use	The IsoAmp® PWR A 20100 F0 must be installed in a housing (control box or distributor box) that fulfils the requirements according to EN 60079-15 as well as at least those according to the IP54 (EN 60529) degree of protection.		
Evaluation	The IsoAmp® PWR A 20100 F0 complies with the standards EN 60079-0: 2012 / A11: 2013 and EN 60079-15: 2010. The apparatus marking shall include the code  <b>II 3 G Ex nA IIC T6 Gc X</b> The IsoAmp® PWR A 20100 F0 may be used in hazardous areas Zone 2.		
Test documents	UL File QVAJ.E340288, Process Control Equipment for Use in Zone Classified Hazardous Locations, Class I, Zone 2.		
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