



**Statement of Conformity**

Declaration: ATEX Zone 2 apparatus

Document No.	SC110324A	Issue No.: 2	Page 1 of 1
The electrical apparatus manufactured by complies with and may be marked with	<b>VariTrans® P 27000 Series</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 T4 Gc X</b>		
Description	Universal isolation amplifiers, used for galvanic isolation and conversion of signals in the range from $\pm 20$ mV to $\pm 200$ V and $\pm 0.1$ mA to $\pm 100$ mA.		
Electrical Data	Input voltage (terminals 3, 4) $\leq \pm 200$ V Input voltage (terminals 2, 4) $\leq \pm 500$ mV Input current (terminals 2, 4) $\leq \pm 5$ mA Input current (terminals 1, 4) $\leq \pm 100$ mA  Output voltage (terminals 5, 6) $\pm 11$ V Output current (terminals 5, 6) $\pm 22$ mA  Power supply (terminals 7, 8) 22 to 230 V AC/DC $\pm 10$ %, 0.9 W AC: 48 to 62 Hz, 2.5 VA  Input and output circuits are galvanically separated from each other and from power supply up to a peak voltage of 300 V.  The ambient temperature range is $-10$ °C $\leq T_a \leq +70$ °C.		
Specific Conditions of Use	The VariTrans® P 27000 Series 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 VariTrans® P 27000 Series 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 T4 Gc X</b> The VariTrans® P 27000 Series 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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