



Statement of Conformity

Declaration: ATEX Zone 2 apparatus

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The electrical apparatus manufactured by complies with and may be marked with	VariTrans® P 27000 Series Knick Elektronische Messgeräte GmbH & Co. KG EN 60079-0: 2012/A11: 2013 EN 60079-15: 2010  II 3 G Ex nA IIC T4 Gc X		
Description	Universal isolation amplifiers, used for galvanic isolation and conversion of signals in the range from ± 20 mV to ± 200 V and ± 0.1 mA to ± 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) ± 11 V Output current (terminals 5, 6) ± 22 mA Power supply (terminals 7, 8) 22 to 230 V AC/DC ± 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  II 3 G Ex nA IIC T4 Gc X 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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