CERTIFICATE OF COMPLIANCE

Certificate Number: **SGSNA/17/BAS/00003**

Contract Number: 800071
Certificate Project Number: SUW-CERT170600188

Certified Product: Vibration Meter
Trademarks: N/A
Model(s): Vib Meter 9080-Ex
Technical Data: Ex ib IIC T4 Gb (-20°C ≤ Ta ≤ +40°C);
Class I, Zone 1, AEx ib IIC T4 Gb (-20°C ≤ Ta ≤ +40°C) ;
Class I, Division 2, Groups A-D, T4 (-20°C ≤ Ta ≤ +40°C);
Supply
Two (2) Energizer L91 Type AA cells.
1.5 V Nominal (per cell);
1.83 V Peak (per Cell)
See also product description

Certificate Holder: TPI Europe
Unit 6, Rutherford Way Ind Estate, Rutherford Way, Crawley, RH10 9LN United Kingdom

This certificate supercedes previous certificates issued with the same certificate number. Certification is valid when products are indicated on the SGS directory of certified products at www.sgs.com or using the QR code below. The product is certified according to ISO/IEC Guide 17067, Conformity assessment - Fundamentals of product certification, System 3, and in accordance with:

ANSI/ISA 12.12.01-2015	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
CAN/CSA C22.2 No. 213-15	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
UL 60079-0	Explosive atmospheres - Part 0: Equipment – General requirements Edition 6, Rev. July 26, 2013
UL 60079-11	Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety 'i', Edition 6, 2014
CAN/CSA C22.2 No. 60079-0:15	Explosive atmospheres - Part 0: Equipment – General requirements Rev. October 2015
CAN/CSA C22.2 No. 60079-11:14	Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety 'i'

Authorized by:

David Brearley
Certifier

Effective date: 21 October 2026

SGS operates certification programs under the authority of several accreditation or recognition bodies including A2LA, ANAB, OSHA NRTL, and Standards Council of Canada. This certificate is issued by the company under its General Conditions for Certification Services accessible at https://www.sgs.com/en/terms-and-conditions. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Certification Body

Connectivity & Products, a division of SGS North America Inc.
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Product Description

The Vib Meter Type 9080-Ex is a vibration meter that can be used to take measurements of vibration using a cable connected (intrinsically safe) accelerometer. The vibration meter is capable of displaying vibration in a variety of different formats such as overall values of acceleration, velocity or displacement, frequency spectra or vibration in various frequency bands centred on multiples of a machine's running speed for example.

The vibration meter comprises a handheld unit with processor PCB, RF module, display and keypad. The keypad is used to initiate readings and navigate through the various different vibration display formats.

The unit is battery powered using two Energizer L91 type AA cells, which may only be changed in the non-hazardous area, that are fitted via a battery compartment lid that is attached by 6 screws to the rear of the instrument.

The only electrical connection that can be made to the vibration meter is the connection of an intrinsically safe accelerometer via an integral BNC connector.

The accelerometer BNC connector has the entity parameters:

Uo	=	21.42 V
Io	=	75 mA
Po	=	400 mW
Ci	=	0 F
Li	=	0 H
Co	=	100 nF
Lo	=	3.00 mH

Conditions of Acceptability

1. The elastomeric boot shall be fitted to the instrument at all times when used in the hazardous area.

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Certification Body

Consumer and Retail Services, a division of SGS North America Inc.
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Additional Locations

Name and address of Manufacturer:	Summit Co., Ltd. 58, Gaetbeol-ro Yeonsu-gu, Incheon, 21999, South Korea
Name and address of Factory:	Summit Co., Ltd. 58, Gaetbeol-ro Yeonsu-gu, Incheon, 21999, South Korea

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