



CSA C22.2 No. 60079-47:22
(IEC TS 60079-47:2021, MOD)
National Standard of Canada



CSA C22.2 No. 60079-47:22
Explosive atmospheres — Part 47: Equipment
protection by 2-wire intrinsically safe Ethernet
concept (2-WISE)
(IEC TS 60079-47:2021, MOD)



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National Standard of Canada

CSA C22.2 No. 60079-47:22 **Explosive atmospheres — Part 47:** **Equipment protection by 2-wire** **intrinsically safe Ethernet concept** **(2-WISE)** **(IEC TS 60079-47:2021, MOD)**

Prepared by
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CSA Preface

This is the first edition of CSA C22.2 No. 60079-47, *Explosive atmospheres — Part 47: Equipment protection by 2-wire intrinsically safe Ethernet concept (2-WISE)*, which is an adoption, with Canadian deviations, of the identically titled IEC (International Electrotechnical Commission) Technical Specification 60079-47 (first edition, 2021-02). It is one in a series of standards issued by CSA Group under Part II of the *Canadian Electrical Code*.

For brevity, this Standard will be referred to as “CSA C22.2 No. 60079-47” throughout.

This Standard is intended to be used in conjunction with CSA C22.2 No. 60079-0, *Explosive atmospheres — Part 0: Equipment — General requirements*.

This Standard is considered suitable for use for conformity assessment within the stated scope of the Standard.

The Technical Specification was reviewed for Canadian adoption by the CSA Integrated Committee on Hazardous Location Products, under the jurisdiction of the CSA Technical Committee on Industrial Products and the CSA Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the Technical Committee.

This Standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

Interpretations: The Strategic Steering Committee on Requirements for Electrical Safety has provided the following direction for the interpretation of standards under its jurisdiction: “The literal text shall be used in judging compliance of products with the safety requirements of this Standard. When the literal text cannot be applied to the product, such as for new materials or construction, and when a relevant CSA committee interpretation has not already been published, CSA Group’s procedures for interpretation shall be followed to determine the intended safety principle.”

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