

NEMA HP 100

**HIGH TEMPERATURE
INSTRUMENTATION AND
CONTROL CABLES**

NEMA Standards Publication HP 100-1991 (R1999, R2005, R2010)

High Temperature Instrumentation and Control Cables

Reaffirmed September 10, 2010

Published by:

National Electrical Manufacturers Association

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Foreword

This Standards Publication for High Temperature Instrumentation and Control Cables for the Transmission and Distribution of Low Voltage Electrical Energy was developed and approved by the High Performance Wire and Cable Section (formerly known as the High Temperature Insulated Wire & Cable Section) of the National Electrical Manufacturers Association.

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Vice President, Technical Services
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Arlington, VA 22209

Scope

This Standards Publication covers general requirements and testing procedures for a series of multiple-conductor high-temperature instrumentation and control cables for use in ducts, conduit and trays. See the following individual HP 100 Standards Publications for additional requirements.

- HP 100.1-1991 High Temperature Instrumentation and Control Cables Insulated and Jacketed with FEP Fluorocarbons
- HP 100.2-1991 High Temperature Instrumentation and Control Cables Insulated and Jacketed with ETFE Fluoropolymers
- HP 100.3-1991 High Temperature Instrumentation and Control Cables Insulated and Jacketed with Cross-Linked (Thermoset) Polyolefin (XLPO)
- HP 100.4-1991 High Temperature Instrumentation and Control Cables Insulated and Jacketed with ECTFE Fluoropolymers

NEMA HP 100.1

**HIGH TEMPERATURE
INSTRUMENTATION AND
CONTROL CABLES
INSULATED AND
JACKETED WITH FEP
FLUOROCARBONS**

NEMA Standards Publication HP 100.1-1991 (R2005, R2010)

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Foreword

This Standards Publication for High Temperature Instrumentation and Control Cables Insulated and Jacketed with FEP Fluorocarbons was developed by the High Performance Wire and Cable Section (formerly known as the High Temperature Insulated Wire and Cable Section) of the National Electrical Manufacturers Association.

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Scope

This Standards Publication covers specific requirements for multiple-conductor instrumentation and control cables insulated and jacketed with FEP fluorocarbons. It supplements the general requirements and testing procedures contained in NEMA Standards Publication HP 100.

NEMA HP 100.2

**HIGH TEMPERATURE
INSTRUMENTATION AND
CONTROL CABLES
INSULATED AND
JACKETED WITH ETFE
FLUOROPOLYMERS**

NEMA Standards Publication HP 100.2-1991 (R2005, R2010)

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Foreword

This Standards Publication for High Temperature Instrumentation and Control Cables Insulated and Jacketed with ETFE Fluoropolymers was developed by the High Performance Wire and Cable Section (formerly known as the High Temperature Insulated Wire and Cable Section) of the National Electrical Manufacturers Association.

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Scope

This Standards Publication covers specific requirements for multiple-conductor instrumentation and control cables insulated and jacketed with ETFE fluoropolymers. It supplements the general requirements and testing procedures contained in NEMA Standards Publication HP 100.

NEMA HP 100.3

**HIGH TEMPERATURE
INSTRUMENTATION AND
CONTROL CABLES
INSULATED AND
JACKETED WITH CROSS-
LINKED (THERMOSET)
POLYOLEFIN (XLPO)**

NEMA Standards Publication HP 100.3-1991 (R2005, R2010)

*High Temperature Instrumentation and Control Cables
Insulated and Jacketed with Cross-Linked (Thermoset) Polyolefin (XLPO)*

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Foreword

This Standards Publication for High Temperature Instrumentation and Control Cables Insulated and Jacketed with Cross-Linked (Thermoset) Polyolefin (XLPO) was developed by the High Performance Insulated Wire and Cable Section (formerly known as the High Temperature Insulated Wire and Cable Section) of the National Electrical Manufacturers Association.

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Scope

This Standards Publication covers specific requirements for multiple-conductor instrumentation and control cables insulated and jacketed with cross-linked (thermoset) polyolefin (XLPO). It supplements the general requirements and testing procedures contained in NEMA Standards Publication HP 100.

NEMA HP 100.4

**HIGH TEMPERATURE
INSTRUMENTATION AND
CONTROL CABLES
INSULATED AND
JACKETED WITH ECTFE
FLUOROPOLYMERS**

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