

# INMETRO Hazardous Area Approvals for Fisher® 3622 Electro-Pneumatic Converter and 3620J Positioners

This supplement provides INMETRO Hazardous Area Approval information for the 3622 electro-pneumatic converter and the 3620J positioner. Use this in conjunction with information provided in the [3610J and 3620J Positioners and 3622 Electro-Pneumatic Converter Instruction Manual \(D200149X012\)](#).

INMETRO—National Institute of Metrology, Quality and Technolog. INMETRO approval is accepted in Brazil.

Certain nameplates may carry more than one approval, and each approval may have unique installation/wiring requirements and/or conditions of “safe use”. These special instructions for “safe use” are in addition to, and may override, the standard installation procedures. Refer to the [instruction manual](#) for all other information regarding 3610J and 3620J positioners and 3622 electro-pneumatic converters.

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**Note**

This information supplements the nameplate markings affixed to the product.

Always refer to the nameplate itself to identify the appropriate certification.

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**⚠ WARNING**

Failure to follow these conditions of “safe use” could result in personal injury or property damage from fire or explosion, and area re-classification.

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For 3622 Converter (also applies to 3620J positioners)

Certificate Number: IEx 14.0240

Standards Used for Certification

ABNT NBR IEC 60079-0:2013

ABNT NBR IEC 60079-1:2009

ABNT NBR IEC 60079-11:2013

ABNT NBR IEC 60079-15:2012



**Intrinsically Safe**

Ex ia IIC T6/T5/T4 Ga

Tamb = -40°C to: +47°C for T6 ; +62°C for T5 ; +82°C for T4

**Nominal Characteristics:**

30 Vmax, 4-20 mA

Ui = 30 V ; li = 150 mA ; Pi = 1.25 W ; Ci = 0 nF ; Li = 0 mH

**Flameproof**

Ex d IIC T6/T5 Gb

Tamb = -40°C to: +74°C for T6 ; +82°C for T5

**Nominal Characteristics:** 30 Vmax, 4-20 mA**Type n**

Ex nA IIC T6 Gc

T6 = -40°C to +77°C

**Nominal Characteristics:** 30 Vmax, 4-20 mA

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