

# INMETRO Hazardous Area Approvals 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 Technology. 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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