



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres  
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa04ATEX0260X/3**  
4 Equipment or Protective System: **FP32 Fieldbus Surge Protection Device**  
5 Manufacturer: **Atlantic Scientific Corporation (MTL Global Surge Technologies)**  
6 Address: **4300 Fortune Place, Suite A, West Melbourne, Florida 32904, USA**

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa04ATEX0260X to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This supplementary certificate shall be held with the original certificate.

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. **5229**

Project File No. **06/0512**

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

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Registered in England No. 4305578 at the above address

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**DIRECTOR**  
On behalf of  
Baseefa (2001) Ltd.



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## Schedule

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Certificate Number Baseefa04ATEX0260X/3

15 Description of the variation to the Equipment or Protective System

### Variation 3.1

To permit the maximum permitted ambient temperature for the FP32 Fieldbus Surge Protection Device to be increased from 60°C to 70°C. This increase applies to existing Surge Protection Devices, when supplied from either a Group IIB source, as in the original schedule or a Group IIC source as detailed in Variation 0.1. For clarity the revised apparatus code is reproduced below:-

The FP32 Fieldbus Surge Protection Device may be considered to be coded  $\text{Ex}$  II 1G EEx ia IIB T3 (-40°C ≤ Ta ≤ 70°C) when supplied from a Certified [EEx ia] Group IIB source.

Field Connectors - S1, S2, Screen and Earth.

$U_i = 17.5V$   
 $I_i = 380mA$   
 $P_i = 5.32W$   
 $C_i = 0$   
 $L_i = 0$

Surge Protected Connectors – S3, S4, Screen and Earth

$U_o = U_i$   
 $I_o = I_i$   
 $P_o = P_i$

OR

The FP32 Fieldbus Surge Protection Device is considered to be coded  $\text{Ex}$  II 1G EEx ia IIC T4 (-40°C ≤ Ta ≤ 70°C) when supplied from a Certified [EEx ia] Group IIC source.

Field Connectors - S1, S2, Screen and Earth

$U_i = 17.5V$   
 $I_i = 183mA$   
 $P_i = 2.56W$   
 $C_i = 0$   
 $L_i = 0$

Surge Protected Connectors – S3, S4, Screen and Earth

$U_o = U_i$   
 $I_o = I_i$   
 $P_o = P_i$



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Since there have been no physical changes to the apparatus to permit this increase in ambient temperature, the alternative maximum ambient temperature may be considered to apply even if the existing units are marked with the 60°C upper limit.

**16 Report Number**

None

**17 Special Conditions for Safe Use**

None additional to those listed previously

**18 Essential Health and Safety Requirements**

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

**19 Drawings and Documents**

Number	Sheet	Issue	Date	Description
1100439	1-6	C	31 July 06	FP32 Fieldbus Surge Protection Device