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Schedule

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Certificate Number BAS02ATEX1057/4X

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Description of the variation to the Equipment or Protective System

Variation 4.1

To permit changes to the electrical circuit, the result of which increases the internal capacitance and inductance that can be seen at the terminals. The revised terminal parameters are:

$$\begin{aligned}U_i &= 28\text{V} \\I_i &= 93\text{mA} \\P_i &= 0.65\text{W}\end{aligned}$$

Integral Cable Length

	$\leq 10\text{m}$	$> 10\text{m}, \leq 50\text{m}$	$\geq 50\text{m}, \leq 100\text{m}$	
C_i	$= 3\text{nF}$	$= 10\text{nF}$	$= 19\text{nF}$	See Special Conditions for Safe Use Below.
L_i	$= 6\mu\text{H}$	$= 27\mu\text{H}$	$= 55\mu\text{H}$	See Special Conditions for Safe Use Below.

Variation 4.2

To permit minor mechanical changes to the construction of the accelerometer.

The cable attached to the stainless steel enclosure of the waterproof version has additional hosing around it manufactured from PTFE plastic which has a surface resistivity of greater than 1 Gohm and therefore poses a risk from electrostatic ignition. See Special Conditions of Safe Use below.

Variation 4.3

To permit the inclusion of a side entry version of the apparatus. This change does not affect the original intrinsic safety assessment.

Variation 4.4

To permit the increase in the operating ambient temperature range for T4 and T6 temperature classes. The revised marking of the apparatus is now one of the following:

BAS02ATEX1057X	or	BAS02ATEX1057X
Ⓔ II 1GD T120°C		Ⓔ II 1GD T70°C
EEx ia IIC T4		EEx ia IIC T6
(-55°C ≤ Ta ≤ +115°C)		(-55°C ≤ Ta ≤ +65°C)
U _i = 28V I _i = 93mA		U _i = 28V I _i = 93mA
P _i = 0.65W		P _i = 0.65W

16 Report Number

05(C)0195

17 Special Conditions for Safe Use

1. The C_i and L_i were previously lower. The installer must take account of the increase in internal capacitance and inductance present on this apparatus.