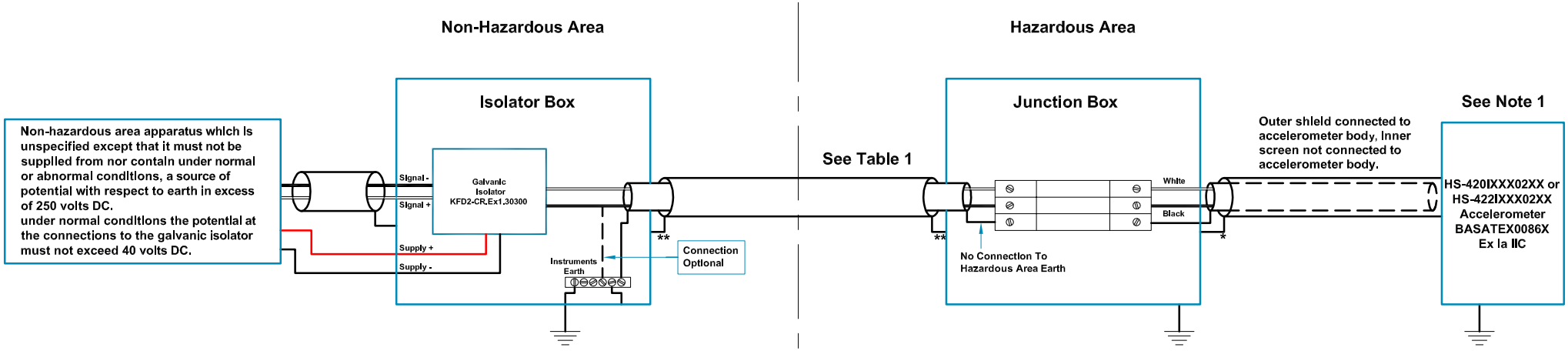

baseefa 08 Y 0 0 8 7

Table 1: Cable Parameters For Additional Cable Lengths

Accelerometer With Integral Cable Length ≤ 10m		
Group	**Capacitance µF**	**L/R Ratio µH/Ω**
IIC	0.096	72
IIB	0.767	277
IIA	2.597	585
Accelerometer With Integral Cable Length ≤ 50m		
Group	**Capacitance µF**	**L/R Ratio µH/Ω**
IIC	0.084	72
IIB	0.755	277
IIA	2.585	585
Accelerometer With Integral Cable Length ≤ 100m		
Group	**Capacitance µF**	**L/R Ratio µH/Ω**
IIC	0.070	72
IIB	0.741	277
IIA	2.571	585

Baseefa

Baseefa Certification Schedule Drawing

Hansford Sensors Ltd

HS-420I & HS-422I
Accelerometer System
Baseefa08Y0087
Ex ia IIC T6 (-40°C ≤ Ta ≤ +60°C)

Notes:

1. The capacitance and inductance, or inductance - to - resistance ratio (L/R) of hazadous area cable, must not exceed the values shown in table 1.

2. The installer is to perform a risk assesment in accordance with clause 10 of EN 60079-25 and install lightning protection arrestors as deemed necessary.

Rev No	DRF No	Date Drg	Drg By	Appd By
A	Release	10/03/08	MJS	CMH

Material: N/A

Tolerances Unless Stated
0 or 0.0 ±0.5
0.00 ±0.15
Angle ±5°
1.6 Finish All Over
Threads g6 H6

Hansford Sensors
Excellence in Vibration Monitoring
Hansford Sensors Ltd
Saunderton Business Park
Haw Lane
Saunderton
Bucks HP14 4JE

Do Not Scale

All Dimensions In mm Unless Otherwise Stated

If In Doubt - Ask!

Description: System Connections For HS-420I & HS-422I Group II Accelerometers With Armoured Cable F.U.W. Galvanic Isolation

Drawing No: M06-011-A

Scale: NTS

Sheet: 1 of 2

Form Number: QF024 Issue 1