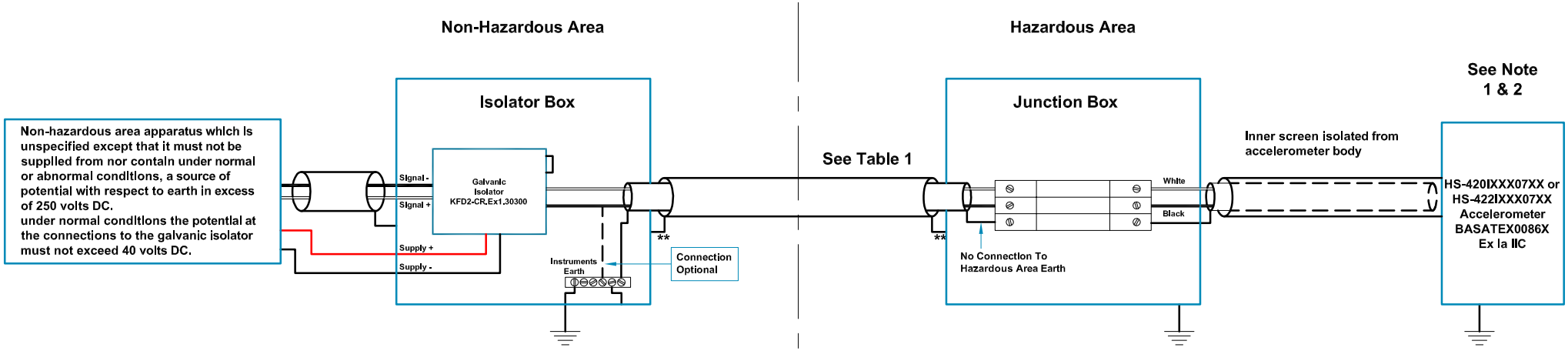


**baseefa 08 Y 0 0 8 7**

**Baseefa Certification Schedule Drawing**

| Table 1: Cable Parameters For Additional Cable Lengths | | |
|---|---|---|
| Accelerometer With Integral Cable Length ≤ 10m | | |
| Group | Capacitance µF | L/R Ratio µH/Ω |
| IIC | 0.095 | 72 |
| IIB | 0.766 | 277 |
| IIA | 2.596 | 585 |
| Accelerometer With Integral Cable Length ≤ 50m | | |
| Group | Capacitance µF | L/R Ratio µH/Ω |
| IIC | 0.080 | 72 |
| IIB | 0.751 | 277 |
| IIA | 2.581 | 585 |
| Accelerometer With Integral Cable Length ≤ 100m | | |
| Group | Capacitance µF | L/R Ratio µH/Ω |
| IIC | 0.062 | 72 |
| IIB | 0.773 | 277 |
| IIA | 2.563 | 585 |

**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 hazardous area cable, must not exceed the values shown In Table 1.

2. The cable from the accelerometer to the junction box must not be installed in a high velocity dust laden atmosphere.

3.The installer is to perform a risk assessment 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 Non Armoured Silicone Cable F.U.W. Galvanic Isolation

Drawing No: M06-012-A

Scale: NTS

Sheet: 1 of 2

Form Number: QF024 Issue 1