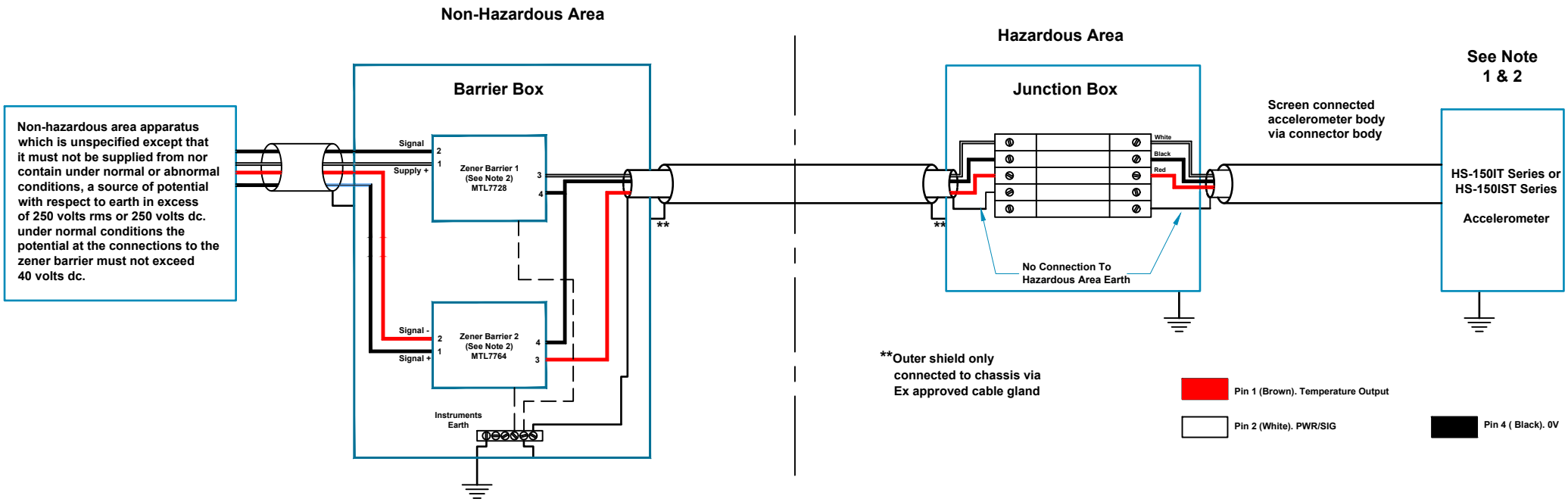

Notes:

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

2. Any single zener diode saftey barrier (1) certified by an approved body to [Ex ia] IIC having the following output parameters: Uo = 28V dc, Io = 93mA dc, Po = 0.65W. e.g. MTL7728 to BAS01ATEX7217 or Pepperl + Fuchs Z728 to BAS01ATEX7005.
Zener diode saftey barrier (2) certified by an ec approved body to [EEx ia] IIC having the following output parameters: Uo = 12V dc, Io = 12mA dc, Po = 0.036W. MTL7764+ac to BAS01ATEX7217 or Pepperl + Fuchs Z764 to BAS01ATEX7005.

3. 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.

Hansford Sensors Ltd

HS-150IT, HS-150IST Series
Accelerometer System

Rev No	DRF No	Date Drg	Drg By	Appd By
A	Release	20/05/19	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
Artisan, Hillbottom Rd
Sands Industrial Estate
High Wycombe
Bucks HP12 4HJ

Do Not Scale

All Dimensions In mm Unless Otherwise Stated

If In Doubt - Ask!

Description: System Connections
For HS-150IT & HS-150IST Group II
Integral Cable Various Types
Accelerometers F.U.W. Zener Barrier

Drawing No: M06-097-A

Scale: NTS

Sheet: 1 of 1

Form Number: QF024 Issue 1