

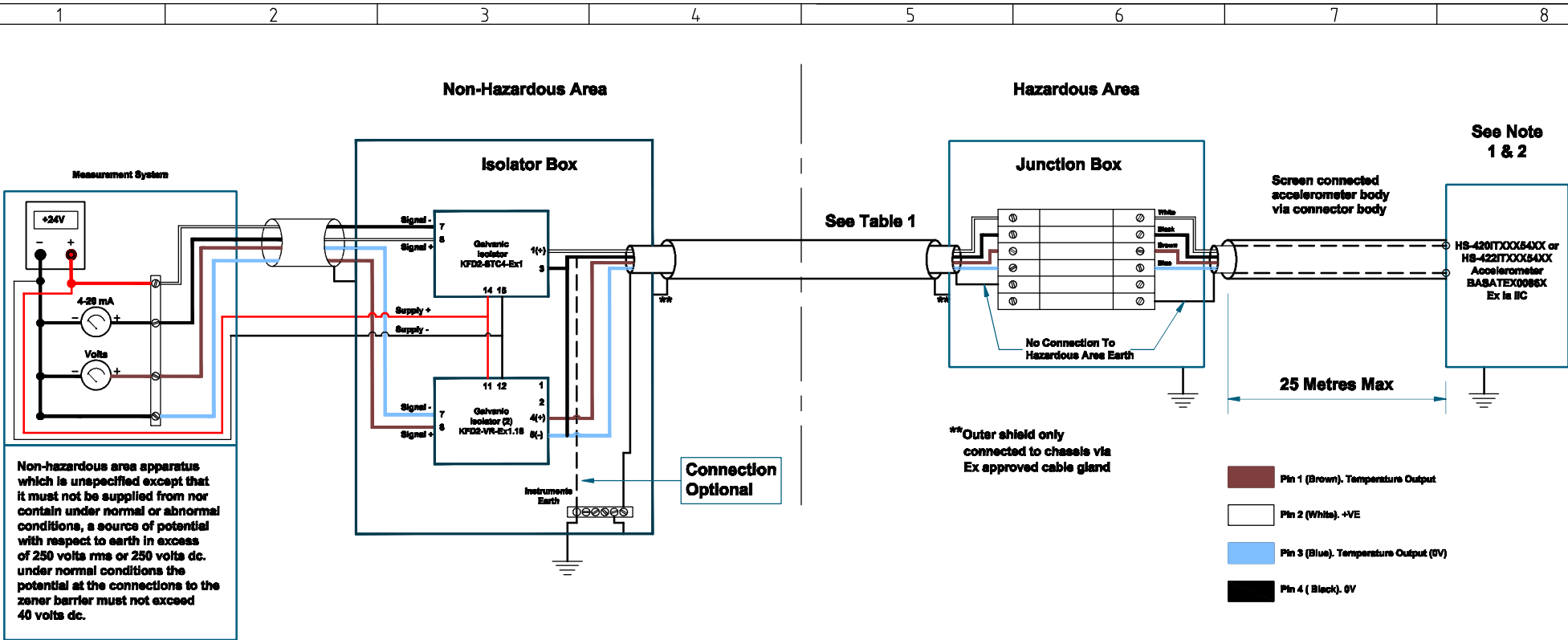


Table 1: Cable Connecting The Connector Version		
Group	Capacitance μF	L/R Ratio $\mu\text{H}/\Omega$
IIC	0.024	47
IIB	0.247	71
IIA	0.767	429

Hansford Sensors Ltd

HS-420IT & HS-422IT Accelerometer System

Ex ia IIC T6 (-40°C ≤ Ta ≤ +60°C)

- Notes:**
- The capacitance and inductance, or inductance - to - resistance ratio (L/R) of hazardous area cable, must not exceed the values shown in Table 1.
 - The cable from the accelerometer to the junction box must not be installed in a high velocity dust laden atmosphere.
 - 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	Material: <i>N/A</i>	 Hansford Sensors <i>Excellence in Vibration Monitoring</i> Hansford Sensors Ltd Saunderton Business Park Haw Lane Saunderton Bucks HP14 4JE		Do Not Scale	Description: <i>System Connections For HS-420IT & HS-422IT Group II Accelerometers With Connectors F.U.W. Galvanic Isolation</i>		
A	Release	17/06/10	MJS	CMH	Tolerances Unless Stated 0 or 0.0 ±0.5 1.6/ Finish All Over 0.00 ±0.15 Threads g6 H6 Angle ±5°		All Dimensions In mm Unless Otherwise Stated		Drawing No: <i>M06-035-A</i>		
B	DRF380	16/06/15	MJS	CMH			If In Doubt - Ask!		Scale: <i>NTS</i>	Form Number: <i>QF024 Issue 1</i>	
									Sheet: <i>1 of 1</i>		