

## APT Cable Preparation

Fig 1

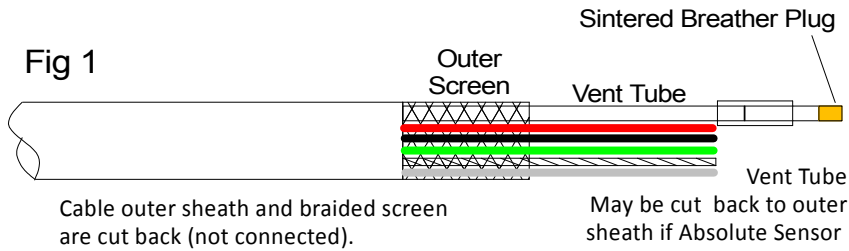


Fig 2

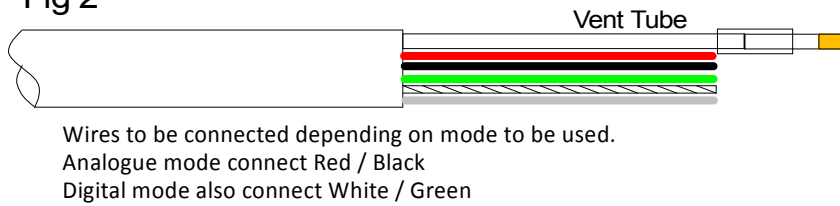
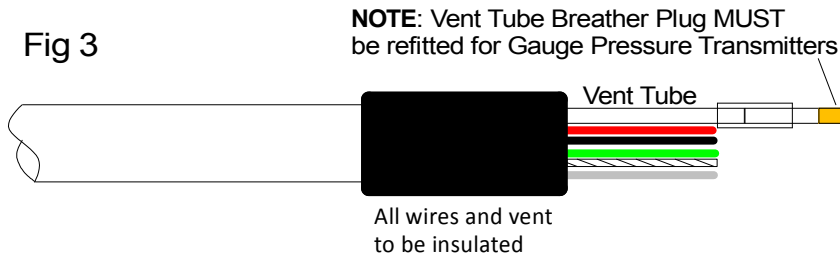


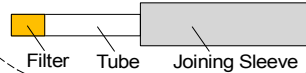
Fig 3



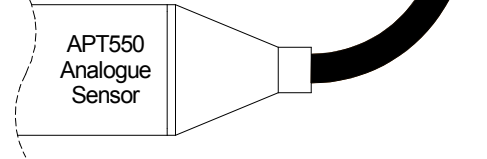
Drain wire & cable screen have no internal connection to APT electronics. They may be left unterminated, or, where a clean instrument earth is available connected to this

## APT Cable Terminations

Removable breather plug assembly must always be connected to the vent tube. If the cable is shortened this assembly must be transferred to the new cable end.



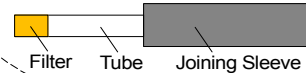
2 Core Sensor Cable with Screen & Integral Atmospheric Vent Tube



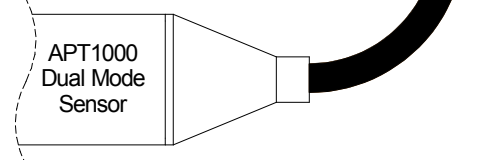
APT500 / 2 WIRE CABLE CONNECTIONS		
Red	+ Positive	Supply 4-20mA
Black	- Negative	
Screen/Drain Wire		Earth

Note: If Cable is shortened green & white wires must be cut back flush with cable sheath.

Removable breather plug assembly must always be connected to the vent tube. If the cable is shortened this assembly must be transferred to the new cable end.



4 Core Sensor Cable with Screen & Integral Atmospheric Vent Tube



APT1000 / 4 WIRE CABLE CONNECTIONS		
Red	+ Positive	Supply 4-20mA
Black	- Negative	
White	+ Data	RS485 Data
Green	- Data	
Screen/Drain Wire		Earth

SCALE  
NTS  
FINISH

MATERIAL AND SPECIFICATION

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED  
 TOLERANCES UNLESS OTHERWISE STATED  
 +/- 0.1  
 ANG +/- 2

B  
18/11/19

ISSUE  
DATE  
TCR  
DRAWN  
CHECKED

SHT 1  
OF 1

A4



INSTRUMENTATION LTD

PART OF THE GROUP

TITLE

APT Series  
Cable Termination

Datasheets  
APT500 DAT054 / APT1000 DAT57

DRAWING No

S-001479-APT-GA

SALES DRAWING ONLY

