

APT Cable Preparation

Fig 1

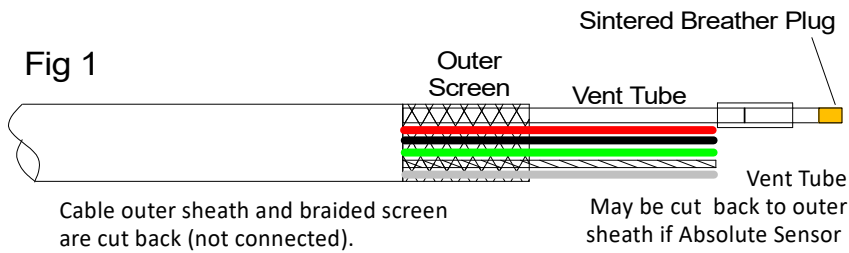


Fig 2

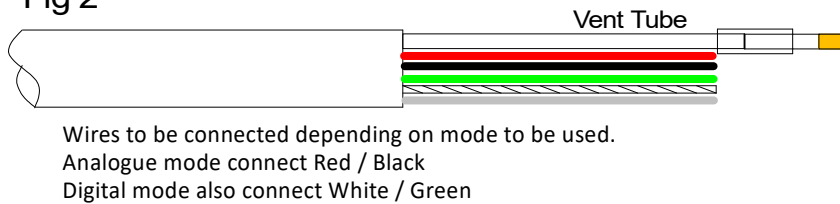
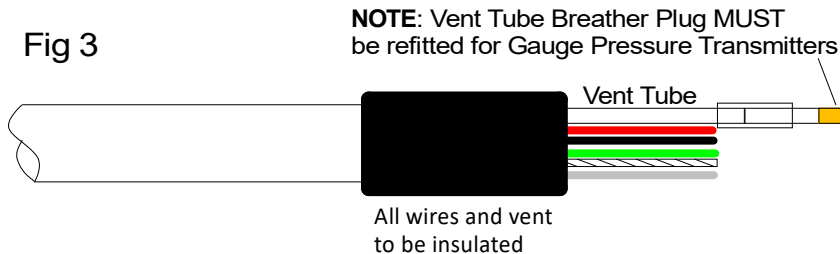
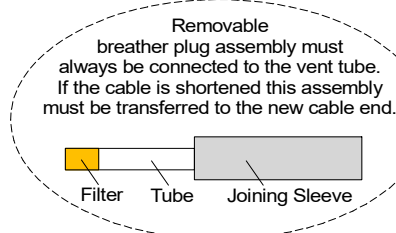


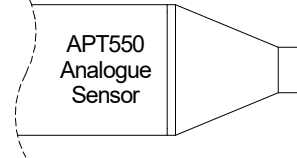
Fig 3



APT Cable Terminations



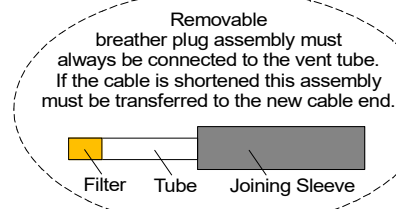
2 Core Sensor Cable with Screen & Integral Atmospheric Vent Tube



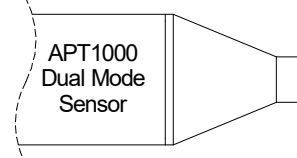
Note: If Cable is shortened green & white wires must be cut back flush with cable sheath.

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

APT500 Drain wire / cable screen are internally connected to the sensor body and to the 0v of the circuit via a Varistor protection circuit. The screen / drain wire must be connected to Earth to provide protection against induced noise on the cable.



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

APT1000 Drain wire / cable screen have no internal connection to sensor body or electronics. They may be left unterminated, or, where a clean instrument earth is available connected to this to provide effective screening of the signal cable against induced noise from adjacent cabling.

SCALE
NTS
FINISH

MATERIAL AND SPECIFICATION

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

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ISSUE DATE TCR DRAWN CHECKED



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

SHT 1 OF 1

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