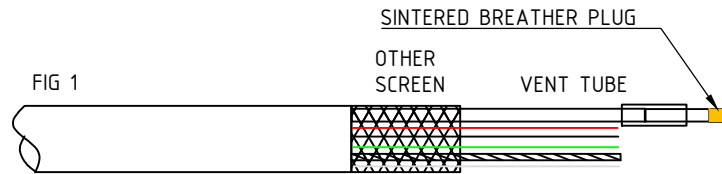
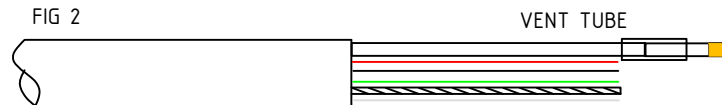


| REV | DATE       | DESCRIPTION | NAME |
|-----|------------|-------------|------|
| D   | 2026-03-16 | -           | SM   |

## APT CABLE PREPERATION



VENT TUBE MAY BE CUT BACK TO OUTER SHEATH IF ABSOLUTE SENSOR CABLE OUTER SHEATH AND BRAIDED SCREEN ARE CUT BACK (NOT CONNECTED).



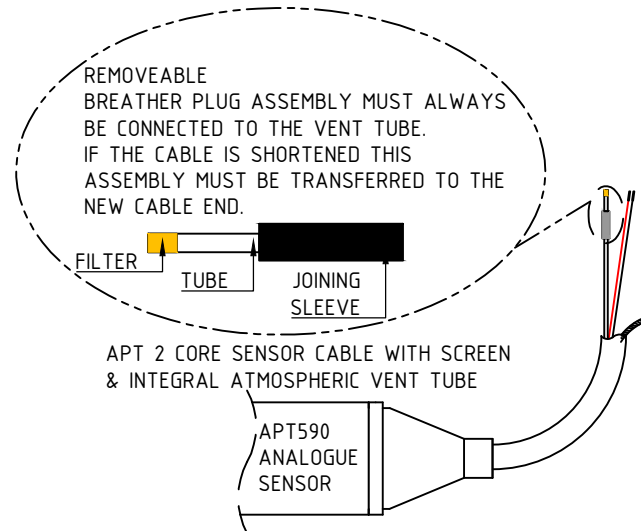
WIRES TO BE CONNECTED DEPENDING ON MODE TO BE USED.  
DIGITAL MODE ALSO CONNECT WHITE / GREEN (APT1000 ONLY)  
ANALOGUE MODE CONNECT RED / BLACK

NOTE: VENT TUBE BREATHER PLUG MUST BE REFITTED FOR GAUGE PRESSURE TRANSMITTERS



ALL WIRES AND VENT TO BE INSULATED

## APT590 CABLE TERMINATIONS



REMOVEABLE 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.

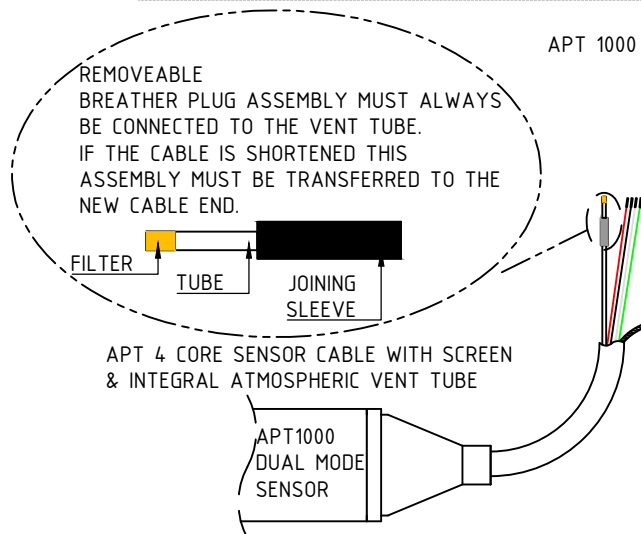
APT 2 CORE SENSOR CABLE WITH SCREEN & INTEGRAL ATMOSPHERIC VENT TUBE

NOTE: IF CABLE IS SHORTENED GREEN & WHITE WIRES MUST BE CUT BACK FLUSH WITH CABLE SHEATH.

| APT590 / 2 WIRE CABLE CONNECTIONS |            |                  |
|-----------------------------------|------------|------------------|
| RED                               | + POSITIVE | SUPPLY<br>4-20mA |
| BLACK                             | + NEGATIVE |                  |
| SCREEN/DRAIN WIRE                 |            | EARTH            |

THE SCREEN / DRAIN WIRE MUST BE CONNECTED TO EARTH TO PROVIDE PROTECTION AGAINST INDUCED NOISE ON THE CABLE.

## APT 1000 CABLE TERMINATIONS



REMOVEABLE 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.

APT 4 CORE SENSOR CABLE WITH SCREEN & INTEGRAL ATMOSPHERIC VENT TUBE

| APT1000 / 4 WIRE CABLE CONNECTIONS |            |                  |
|------------------------------------|------------|------------------|
| RED                                | + POSITIVE | SUPPLY<br>4-20mA |
| BLACK                              | + NEGATIVE |                  |
| WHITE                              | + DATA     | RS485<br>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 MAY BE CONNECTED TO THIS TO PROVIDE EFFECTIVE SCREENING OF THE SIGNAL CABLE.

