

IMPORTANT INSTALLATION / OPERATION NOTES:

- 1) DC Power Source must be interference free i.e no EMI or Switching Valves, Servo Motors etc. Use separate Power Supply or Power Supply from the Machine PLC.
- 2) The Internal Interlock Relay Contacts have a capacity to switch loads of 24Vdc with a maximum current of 0.5A.
- 3) Ensure neat workmanship and run the wiring and PU tubing within the machine enclosure if possible. Do not overtighten pneumatic connections.
- 4) Ensure that both ends of all Sensor Tubes are cut neatly and filed and cleared of any debris so as to provide a clear air passage and clear inner Sensor Tube diameter of 1-1.2mm.
- 5) When using expansion Manifolds (LA508 etc) ensure the LA500 has been programmed to accept the manifold/s and that it/they are connected, otherwise a communication alarm will be displayed and vice versa if the LA500 has not been programmed and a manifold is connected, a communication alarm will be displayed.
- 6) Electrical Power should only be switched on after the Air Supply is energised. When using LA508-M or LA516-M Modular Systems, the Manifolds should be mounted on the Mould Base before applying Electrical Power to allow the 'self teaching' function to work as all mould leak sensor installations will be somewhat different.

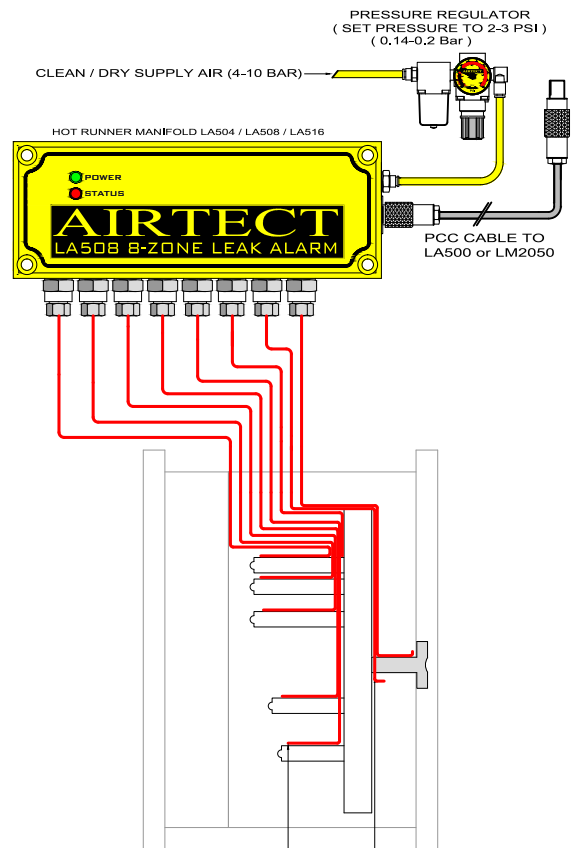
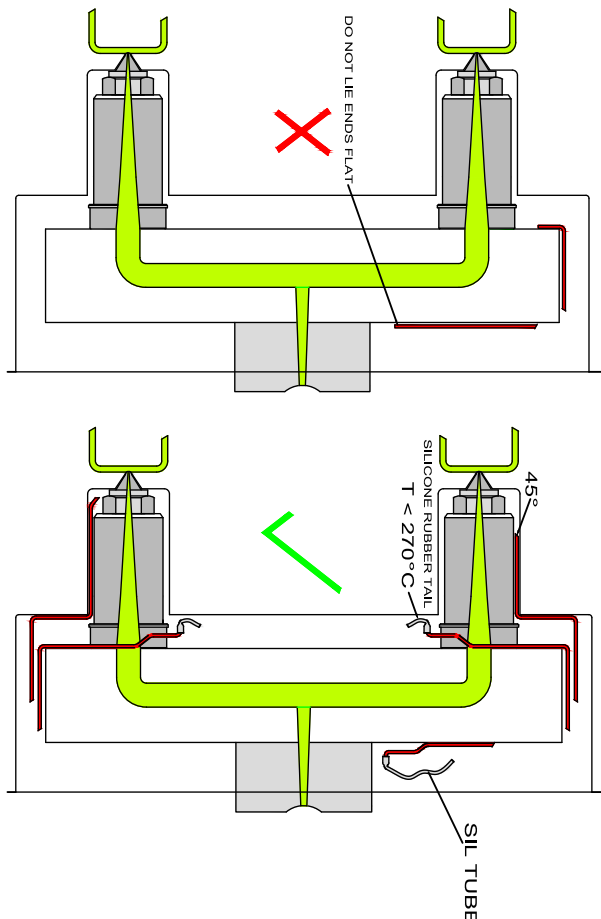


MANIFOLD LED INDICATIONS

- POWER LED SHOULD BE CONTINUOUSLY LIT (NORMAL)
- STATUS LED SHOULD FLASH EVERY 3-4 SECONDS (NORMAL)
- STATUS LED WILL FLASH QUICKLY FOR COMMUNICATION 'DATA ERROR' WARNING
- STATUS LED WILL FLASH RED / GREEN QUICKLY FOR 'INTERNAL SENSOR ERROR' WARNING

CORRECT INSTALLATION WILL MAKE A VERY RELIABLE LEAK DETECTION SYSTEM!
INFO@AIRTECT.COM WWW.AIRTECT.COM

EXAMPLE FOR LOCATION OF SENSOR TUBES AT NOZZLES AND MANIFOLD AREAS.
INSTALL SENSOR TUBES AT LIKELY LEAK LOCATIONS
(CHOOSE CAREFULLY BASED ON MOULD DESIGN AND / OR LEAK HISTORY)



INSTALL SENSOR TUBES AT LIKELY LEAK LOCATIONS
(CHOOSE CAREFULLY BASED ON MOULD DESIGN AND / OR LEAK HISTORY)
DO NOT LIE SENSOR TUBES FLAT ON MANIFOLD BUT TURN THE END UP FOR 10mm. USE SILICONE RUBBER TAILS IN AREAS <270°C AROUND HOT HOT RUNNER MANIFOLD, SEE OTHER DIAGRAM.