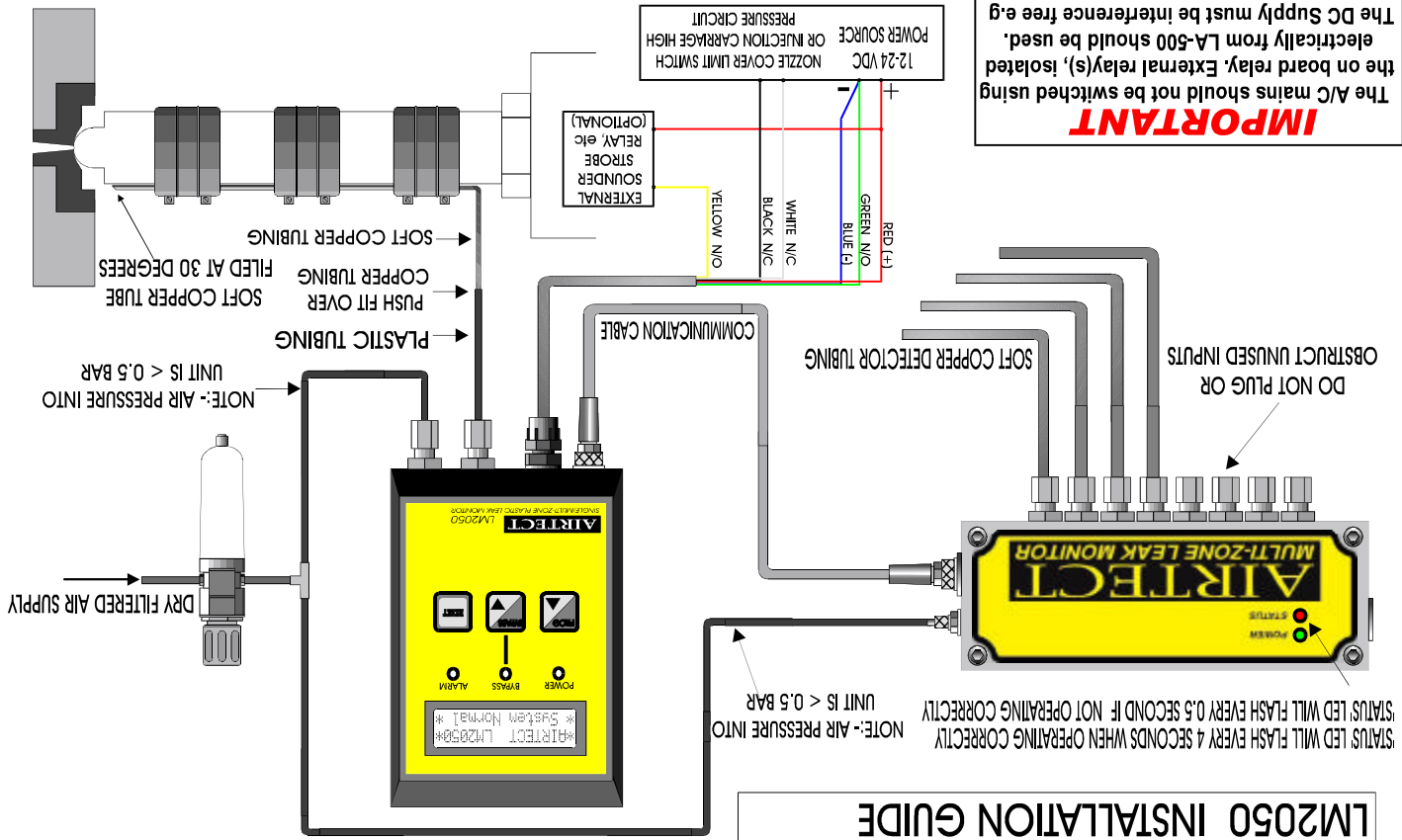


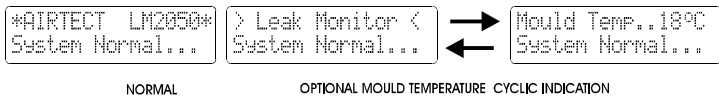
IMPORTANT
 The A/C mains should not be switched using the on board relay. External relay(s), isolated electrically from LA-500 should be used. The DC supply must be interference free e.g. the power supply for the PLC



LM2050 INSTALLATION GUIDE

LM2050 INDICATIONS

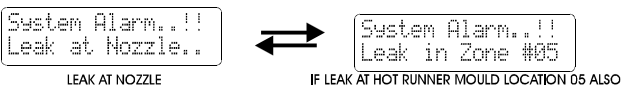
NORMAL CONDITION



NORMAL OPTIONAL MOULD TEMPERATURE CYCLIC INDICATION

ALARM CONDITION

ALARM DETECTED, BUZZER SOUNDS, RED LED FLASHES. RELAY WILL OPERATE AFTER DELAY TIME EXPIRES, DISPLAY CYCLES THROUGH ALARM CONDITIONS



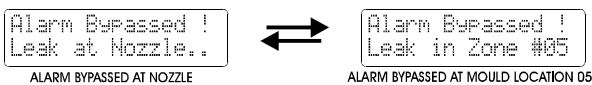
LEAK AT NOZZLE IF LEAK AT HOT RUNNER MOULD LOCATION 05 ALSO

PRESS RESET BUTTON TO ACCEPT ALARM. SOUNDER CEASES, RED LED CONTINUES TO FLASH, RELAY STILL ACTIVATED, DISPLAY CYCLES THROUGH ALARM CONDITIONS

IF THE CONDITION IS NOT SERIOUS AND THE MACHINE NEEDS TO BE RE-STARTED, THEN THE BYPASS FUNCTION MAY BE SELECTED

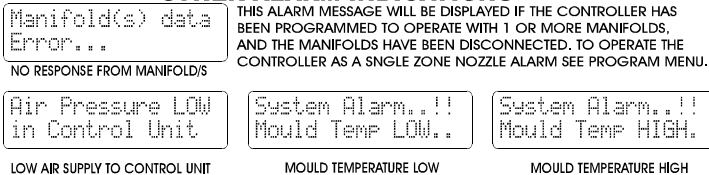
BYPASS ALARM

TO BYPASS ALARM, PRESS AND HOLD BYPASS BUTTON UNTIL AMBER LED ILLUMINATES. DISPLAY CONTINUES TO CYCLE THROUGH ALARM CONDITIONS UNTIL FAULT CLEARED. RELAY IS DE-ACTIVATED TO ALLOW MACHINE TO BE RE-STARTED.



ALARM BYPASSED AT NOZZLE ALARM BYPASSED AT MOULD LOCATION 05

OTHER ALARM INDICATIONS



LOW AIR SUPPLY TO CONTROL UNIT MOULD TEMPERATURE LOW MOULD TEMPERATURE HIGH

AIRTECT
Plastic Leak Alarm System



LM2050
Installation/Programming Guide

AIRTECT

PROGRAMMING LM2050

AIRTECT LM2050
System Normal...

> Leak Monitor <
System Normal...

Mould Temp..45°C
System Normal...

NORMAL DISPLAY INDICATION..NO LEAKS DETECTED

MOULD TEMPERATURE WILL BE DISPLAYED IF MANIFOLD ATTACHED



TO ENTER PROGRAMMING MENU PRESS AND HOLD PROG/UP BUTTON FOR 5 SECONDS

Programming Menu
Up..Down..Select



Select Language
[1] **ENGLISH**



[1] **ENGLISH**
Up..Down..Select

USE ▲ BUTTON TO SELECT ENGLISH, SPANISH OR FRENCH, THEN PRESS 'RESET' TO CONTINUE THE PROGRAMMING OPTIONS(IN THE SELECTED LANGUAGE).



Set Temperature
Low Trip °C..10

PROGRAM LOW MOULD TEMPERATURE TRIP POINT e.g 10 Deg. C



USE ▲ ▼ BUTTONS TO SELECT VALUE FOR FIRST FLASHING DIGIT, THEN PRESS 'RESET' AND SELECT VALUE FOR THE SECOND FLASHING DIGIT, THEN PRESS 'RESET'



Set Temperature
High Trip °C..60

PROGRAM HIGH MOULD TEMPERATURE TRIP POINT e.g 60 Deg. C



USE ▲ ▼ BUTTONS TO SELECT VALUE FOR FIRST FLASHING DIGIT, THEN PRESS 'RESET' AND SELECT VALUE FOR THE SECOND FLASHING DIGIT, THEN PRESS 'RESET'



Zone Selection..
Manifolds Qty: 0

PROGRAM NUMBER OF MANIFOLDS IN THE SYSTEM I.E
0=NOZZLE ONLY ALARM
1= NOZZLE AND 1 MANIFOLD WITH 1-8 EXTRA ALARM ZONES
2= NOZZLE AND 2 MANIFOLDS WITH 1-16 EXTRA ALARM ZONES

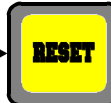


USE ▲ ▼ BUTTONS TO SELECT VALUE FOR THE FLASHING DIGIT, THEN PRESS 'RESET'



Temperature Trip
Relay Active..YES

PROGRAM THE INTERLOCK RELAY TO ACTIVATE ON LOW / HIGH MOULD TEMPERATURE (RELAY WILL ACTIVATE 10 DEGREES ABOVE OR BELOW RESPECTIVE SET POINTS, AUDIO-VISUAL ALARM ONLY IN THIS 10 DEGREE WINDOW).



PRESS THE 'RESET' BUTTON TO TOGGLE BETWEEN 'YES OR 'NO.



LEAK...Interlock
Relay Tined..YES

PROGRAM THE INTERLOCK RELAY TO ACTIVATE AFTER A PRESET DELAY TIME 0-99 SECONDS (SEE SETTING LATER)



PRESS THE 'RESET' BUTTON TO TOGGLE BETWEEN 'YES OR 'NO.



Controller Zone
**** ACTIVE ****

PROGRAM OUT THE CONTROLLER AS A SINGLE ZONE 'NOZZLE' ALARM. IF SET TO 'INACTIVE', THEN THE CONTROLLER WILL FUNCTION AS THE CONTROL/DISPLAY UNIT FOR A MULTI-ZONE ALARM SYSTEM. IT WILL NOT REQUIRE AN AIR SUPPLY CONNECTED TO IT. IF SET TO 'ACTIVE' IT WILL REQUIRE AN AIR SUPPLY AND CAN BE USED AS A 'NOZZLE' ALARM IN ADDITION TO A MULTI-ZONE ALARM SYSTEM.



PRESS THE 'RESET' BUTTON TO TOGGLE BETWEEN 'ACTIVE AND 'INACTIVE'.



Interlock Relay
Timer (Secs)= 10

PROGRAM INTERLOCK RELAY DELAY TIME, 0-99 SECONDS



USE ▲ ▼ BUTTONS TO SELECT VALUE FOR FIRST FLASHING DIGIT, THEN PRESS 'RESET' AND SELECT VALUE FOR THE SECOND FLASHING DIGIT, THEN PRESS 'RESET'



Restore Unit..to
Factory Settings

PROGRAM THE UNIT BACK TO DEFAULT SETTINGS I.E THOSE SHOWN ON THE DISPLAY PANELS ABOVE IN THIS PROGRAMMING SHEET. THIS SETTING IS RARELY CHOSEN AS IT WILL OVERRIDE ANY CHANGES MADE DURING PROGRAMMING.



ARE YOU SURE YOU WANT TO SELECT THIS SETTING?



Programming Menu
Save/Quit Menu..

PROGRAM THE UNIT TO ACCEPT ALL THE CHANGES MADE TO THE SETTINGS DURING PROGRAMMING.



PRESS 'RESET' TO ACCEPT CHANGES, EXIT PROGRAMMING AND RETURN TO NORMAL OPERATION.