

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

DO NOT CONNECT THE INTERLOCK RELAY CONTACTS TO A/C OR MAINS VOLTAGES

(SEE ELECTRICAL INTERFACE)
 Contact Rating 0.5A Max.
 BLACK/WHITE : N/C
 GREEN/YELLOW : N/O
 BLUE : 0V
 RED : +12-24Vdc
 (to manifolds)
 Communication Cable
 Compressed Air (via Regulator)
 AIR TO NOZZLE
 (BE SURE TO SET 'Pn' TO '00' WHEN USING AS NOZZLE ONLY ALARM SYSTEM).

DO NOT PLUG OR
 OBSTRUCT UNUSED INPUTS
 SOFT COPPER DETECTOR TUBING
 DRY FILTERED AIR SUPPLY
 PRESSURE >0.5 BAR
 COMMUNICATION CABLE
 POWER AND INTERLOCK CABLETOWN VOLTAGE ONLY
 EXTERNAL SOUNDER STROBE RELAY, etc (OPTIONAL)
 NOZZLE COVER LIMIT SWITCH OR INJECTION CARRIAGE HIGH PRESSURE CIRCUIT
 12-24 VDC POWER SOURCE
 RED (+)
 GREEN N/O
 BLUE (-)
 WHITE N/C
 BLACK N/C
 YELLOW N/O
 MOUNTING MACHINE CONTROL UNIT
 MOUNTING MACHINE CONTROL UNIT
 RELAY CONTACT RATING 0.5A MAX

(BE SURE TO SET 'Pn' TO THE CORRECT SETTING WHEN USING MANIFOLDS).
 STATUS LED WILL FLASH EVERY 4 SECONDS IF OPERATING CORRECTLY.
 STATUS LED WILL FLASH EVERY 0.5 SECONDS IF NOT OPERATING CORRECTLY.
 DO NOT PLUG OR OBSTRUCT UNUSED INPUTS

NORMAL CONDITION



ALARM CONDITION

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



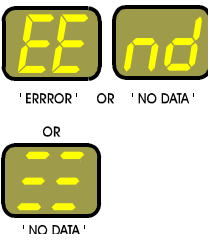
PRESS RESET BUTTON TO ACCEPT ALARM, SOUNDER CEASES. RED LED CONTINUES TO FLASH. RELAY RELEASES, DISPLAY CYCLES THROUGH ALARM CONDITIONS

BYPASS ALARM

TO BYPASS ALARM, PRESS AND HOLD BYPASS BUTTON UNTIL AMBER LED ILLUMINATES. DISPLAY CONTINUES TO CYCLE THROUGH ALARM CONDITIONS UNTIL FAULT CLEARED



OTHER ALARM INDICATIONS



THIS DISPLAY RELATES TO CONNECTION WITH LA508 MANIFOLDS. IF THE LA500 IS CONNECTED TO ONE OR MORE LA508'S AND 'Pn' HAS NOT BEEN PROGRAMMED CORRECTLY, THEN 'nd' WILL BE DISPLAYED FOLLOWED BY 'EE'.
 OR:
 IF THE LA500 HAS BEEN PROGRAMMED TO ACCEPT MANIFOLDS, I.E 'Pn' HAS BEEN SET TO '01' OR '02' ETC., THIS IS THE ALARM THAT WILL BE DISPLAYED WHEN POWER IS CONNECTED WITHOUT THE MANIFOLD(S). IF THE LA500 IS TO BE USED ON ITS OWN AS A SINGLE ZONE NOZZLE ALARM, THEN 'Pn' MUST BE PROGRAMMED TO '00' SEE PROGRAMMING.

AIRTECT
 Plastic Leak Alarm System



LA500/LA508
 Installation Guide

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PROGRAMMING LA-500



NORMAL

Normal Indication = NO LEAK or TEMPERATURE ALARMS

