

PLEX uSDM100 WIRING



BASE LOOM	
CAN LO	twisted pair
CAN HI	
GND	device power
+12V	

PLEX uSDM102 WIRING



MICRO USB ---

IO LOOM ---

BASE LOOM ---

EGT LOOM ---

IO LOOM	
INPUT 1	0-5V analog, digital, frequency with pull up option*
INPUT 2	0-5V analog, digital, frequency with pull up option*
INPUT 3	0-5V analog, digital, frequency
INPUT 4	0-5V analog, digital, frequency
+5V SENSOR POWER	protected +5V sensor power, up to 100mA
SENSOR GND	ground for all sensors
RS232 RX	serial data input from ecu

BASE LOOM	
CAN LO	twisted pair
CAN HI	
GND	device power
+12V	

EGT LOOM	
THERMOCOUPLE INPUT 1 	any k-type thermocouple sensor
THERMOCOUPLE INPUT 2 	

* pull ups on input 1 and 2 are enabled together