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If you power the GMI with AC power, (min.9V max 24V) connect power to pin 3 and 4.
If you power the GMI with DC power,(min 12V, max 35V) connect the minus to GND and the plus to pin 3.
Pin 1 is the unregulated DC output, that is:
-your DC voltage minus 0.6V if you use a VDC power
-your VAC voltage *1,41 - 1,2 if you use AC power.
i.e. if you power the GMI with 12 VAC you will have about 15.7 V in this output.
You can use this output to power a device with maximum 0,4A power consumption.

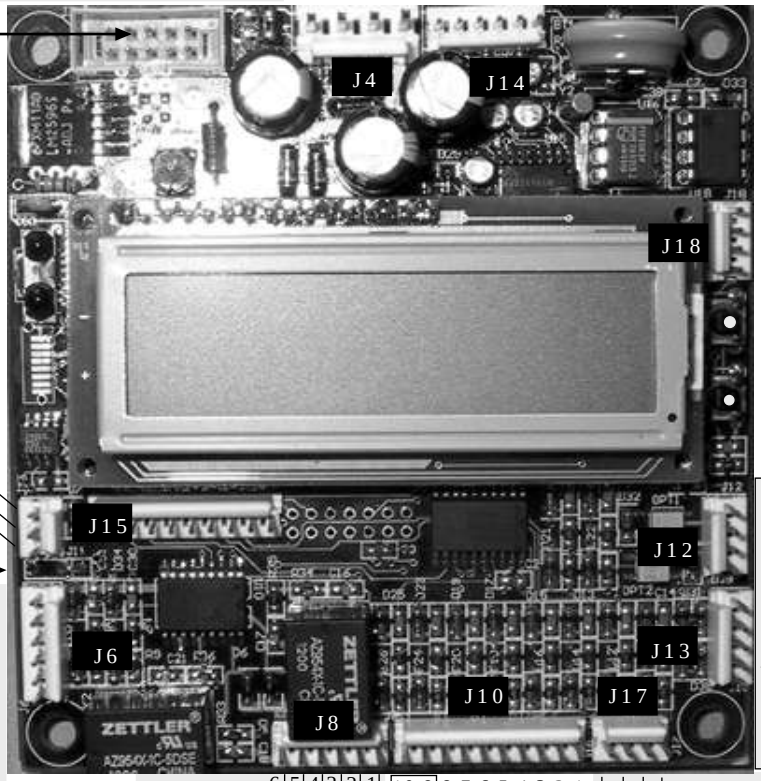
GND VAC/+VDC in (12-35 VDC)
DC-unreg out VAC in (9-24 VAC)
1 2 3 4

Jumper position to use GMI board
Jumper position to program microprocessor

GND
TX1
RX1
GND
TX0
RX0
1 2 3 4 5 6

RS232 ports
Standard is Port 1 (pin 1,2,3,)
Port 0 is reserved for future expansions

MicroProcessor programming socket



1- SCK
2- SO Sync interface
3- SI reserved for expansions
4- NC

SET button

SELECT button

IRDA interface
Optional feature
available only on request

LCD contrast trimmer
below the PCB

Mech counter V- Pin 3
Mech counter V+ Pin 2
Special V+ Pin 1

Counter power jumper* →

1-Slave RX+
2-Slave TX-
3-Slave TX+
4-Slave RX-
Executive/MDB Slave port

1-Master TX+
2-Master RX-
3-Master RX+
4-Master TX-
5-Screen
Executive/MDB Master port

OPTIONAL FEATURES available on request ONLY

Lamp 2 - Pin 6
Lamp 1 - Pin 5
GND - Pin 4
Push Button 2 - Pin 3
GND - Pin 2
Push Button 1- Pin 1

Connect lamps between Pin 5 or 6 and proper power (i.e: about 12V can be obtained from DC unreg if GMI ispowered at 9-12VAC or 12VDC).
Connect Push buttons between pin 3 and 4 and 1and 2.
Push Buttons and Lamps for VEND selection

6 5 4 3 2 1
N.O.
COM
N.C.
Vend1
N.O.
COM
N.C.
Vend2

Relais Outputs
for Vend1 and Vend2
N.O.= Normally open
N.C.=Normally closed
COM = Common

10 9 8 7 6 5 4 3 2 1
gnd 8.. input... 1

Coin/Bill inputs
active low

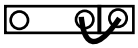
4 3 2 1
fail1
fail2
bloc1
gnd

IF High level on Fail1:
Bloc1opens
Message 3 appears on display
GMI does not accept money

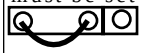
IF high level on Fail2
Bloc1 opens
Message 4 appears on display
GMI does not accept money

IF high level on Fail1 AND Fail2
Bloc1 opens
Message 2 appears on display
GMI does not accept money

*Counter power jumper use it to provide 5V to counter directly from GMI.


Jumper J11 in 5V mode

If counter is 12V or 24V, power must be provided to Special V+ pin and jumper must be set as below


Jumper J11 in special voltage mode

WARNING: when using special V+ make sure that jumper is in the special V+ position or permanent damage of GMI will occur

GMI I/O connections