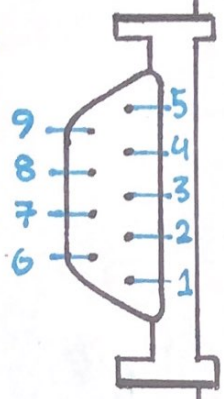
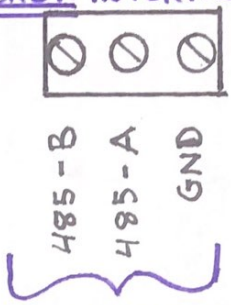
RS-485 SHIELD

RS-485 DB9 INTERFACE (FEMALE)



RS-485 SCREW INTERFACE



NOTE POLARITY HERE IS OPPOSITELY LABELED RELATIVE TO THE KJLC 300 [i.e. A(+), B(-)]

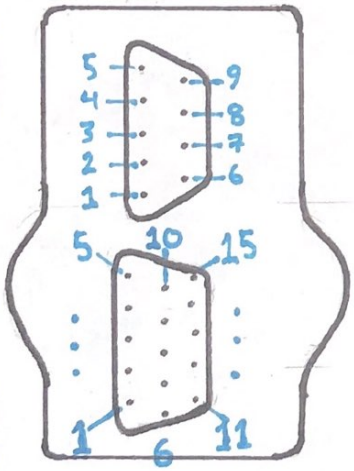
⇒ CONNECT A TO B AND VICE VERSA ACROSS DEVICES.

DB9 PINS

1	
2	
3	RS485 DATA
4	RS485 DATA
5	GND
6	
7	
8	
9	

KJLC 300 SERIES VACUUM GAUGE

D-SUB (9 PIN)
D-SUB (15 PIN)



1	RELAY 1 - NO
2	RELAY 1 - NC
3	PWR INPUT (12-28 Vdc)
4	PWR GROUND
5	ANALOG OUTPUT 1 (LOG-LIN. 1-8V)
6	RELAY 1 - COMMON
7	RELAY DISABLE (DISABLES BOTH RELAYS IF CONNECTED TO PIN 4-GND)
8	ANALOG GND
9	ANALOG OUTPUT 2 (PROGRAMMABLE LINEAR 0-10V)

1	RS485 DATA B(+) I/O
2	RS485 DATA A(-) I/O
3	PWR INPUT (12-28 Vdc)
4	PWR GND *
5	ANALOG OUTPUT 1 (LOG-LIN. 1-8V)
6	ANALOG GND
7	RS232 Tx *
8	RS232 Rx *
9	RELAY DISABLE (TO PIN 4)
10	RELAY 1 - NO
11	RELAY 2 - NO
12	RELAY 2 - COMMON
13	RELAY 2 - NC
14	RELAY 1 - NC
15	RELAY 1 - COMMON

* TYPICALLY CONNECTED TO PIN 5 OF PC-RS232 9 PIN DSUB OR GND PIN OF RS485 CONVERTER
* TYPICALLY CONNECTED TO PIN 2 OF PC SERIAL PORT 9PIN DSUB
* SAME AS ABOVE, BUT PIN 3

TYPICAL RS-485 HALF-DUPLEX WIRING