

## 9 Pin

PROFIBUS		9 pin subminiature "D" type (female) receptacle
Pin #	Name	Description
1	Unassigned	-
2	Unassigned	-
3	B Line	Positive RxD/TxD, RS485 level
4	RTS	Request to send
5	GND bus	Isolation ground
6	+5 V Bus output	Isolated +5V termination power
7	Unassigned	-
8	A	Negative RxD/TxD, RS485 level
9	Unassigned	-

Signal Pin	Related Pin	Signal Name	Signal Type	Level	Description
1	3	Interlock Input (+)	Input (floating)	5 V to 24 V	Contact closure to pin 2 via an external interlock loop. User may also provide a 5 VDC to 24 VDC signal referenced to pin 3 to satisfy the interlock.
2	3	Interlock Output	Output (floating)	15 V	Contact closure to pin 1 via the user's external interlock loop. The voltage output is floating and has no reference to ground.
3	1 or 2	Interlock Return (-)	floating	0 V	This is the return pin for an external interlock signal. This pin must be used as the return for the external interlock voltage, because the interlock input (pin 1) is floating and has no reference to ground.
4					Connect to the shield of the external interlock cable
5					No Connection
6					No Connection
7					No Connection
8					No Connection
9					No Connection