smartbar

The following figure shows the layout of the cable between a reception unit and thermal printer, with the option of a junction box for connection of a SmartPalm.

Of particular note is that the reception unit does not use the standard RS-232C pin-outs.

Reception Unit to Printer Cable

RS232 Standard	Printer	DB-25P		DE-9S	Reception Unit	RS232 Standard	
FG (Frame Ground)	Frame Ground	1		— 1	Transmit Data	CD (Carrier Detect)	
RXD (Receive Data)	Transmit Data	2		→ 2	Receive Data	RXD (Receive Data)	
TXD (Transmit Data)	Receive Data	3 ৰ		3		TXD (Transmit Data)	
RTS (Request to Send)	Request to Send	4		— 4	DC Ground	DTR (Data Terminal Ready)	
CTS (Clear to Send)	Clear to Send	5		→ 5	DC +ve	SG (Signal Ground)	
DSR (Dataset Ready)	Dataset Ready	6		6		DSR (Dataset Ready)	
SG (Signal Ground)	Signal Ground	7		7		RTS (Request to Send)	
CD (Carrier Detect)	DC Ground	8	_	8	Signal Ground	CTS (Clear to Send)	
		9		→ 9	DC +ve	RI (Ring Indicator)	
		10					
		11		For a	a SmartPalm connection a junction box is inserted in the		
SRLSD	DC +ve	12		1	 cable with a DE-9P connector and switch. The DE-9P is wired: Pin 5 (SG) to printer pin 7 (SG) 		
SCTS	DC +ve	13		Pin 3 (TXD) to printer pin 3 (RXD)			
						Reception Unit pin 1 is connected alm pin 3 is connected to printer	
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Questions:

- Is the cable the same for all variants or should it have a "model number"?
- Are there any obvious mistakes?