

# SAILOR 4500 connection the PTC-IIxxx

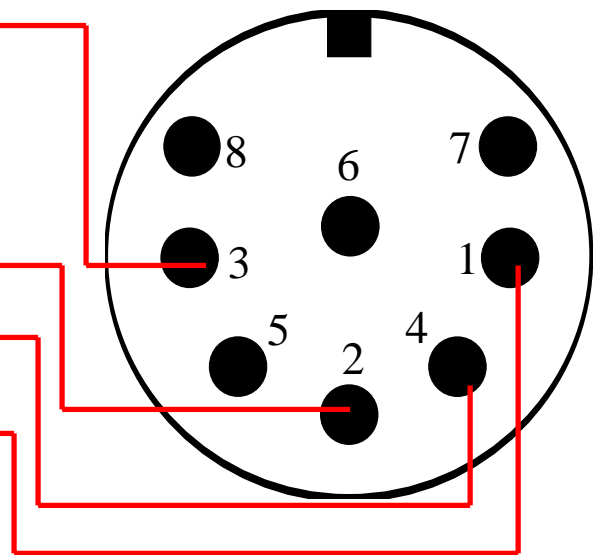
**Table 15: Transceiver Unit – Data modem**

Cable: Multicable 4 x 0.5 mm<sup>2</sup> screened

Maximum cable length 3 m

Cable-connector: 9 way Dsub male. Part no. 75100064

| Transceiver Unit | Designation | Remarks   |
|------------------|-------------|---|
| 'SYS'<br>Dsub 9  |             |   |
| 1                | EXT KEY     | Transmitter key input. Pulled up to Active when connected to GND  |
| 2                | DATA OUT    | RS-232 port for remote control of frequency, mode and power level.  |
| 3                | DATA IN     | T+Bus protocol, baud rate 2400 bps Also used for upload of software.  |
| 4                | TX INHIBIT  | Transmitter inhibit input. Pulled to +12 V Active when connected to GND                                     |
| 5                | GND         | System ground   |
| 6                | LINE OUT    | Single ended 600 ohms AF output 0 dBm in 600 ohms 1.55 Vrms when unloaded Refers to system ground (GND)     |
| 7                | LINE IN     | Single ended 600 ohms AF input Nominal level 0 dBm Accepts -15 dBm to +10 dBm Refers to system ground (GND) |
| 8                | TX KEYED    | Low when TX keyed OC output, max. 50 mA, 32 V   |
| 9                | +12 V       | +12 V output Max. 100 mA, internally protected.   |
| Shield           | Screen      | Screen connected to system ground   |



Connect SHIELD to cable's SHIELD