Ports

The TSC1 data collector has two data/power ports. One port is at the bottom of the unit, the other is at the top on the back. Both ports function in the same way. Figure 2.2 shows where these ports are located on the TSC1.

The Trimble Survey Controller software automatically detects which port is connected to an external device.

Each port takes a 7 pin 0-shell Lemo plug. Figure 2.6 shows the position of the sockets.
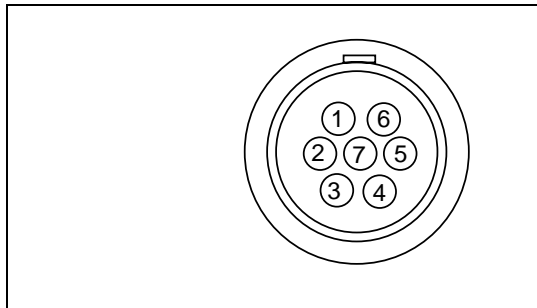

Figure 2.6   Pinout diagram of the TSC1 port

Table 2.6 describes the function of each socket.

Table 2.6   Pinout functions – TSC1 data collector ports

Socket number	Top port function	Bottom port function
1	Signal ground	Signal ground
2	Power 1 in return (–)	Power 2 in return (–)
3	Transmit data (TXD1)	Transmit data (TXD2)
4	Request to send (RTS1)	Request to send (RTS2)
5	Clear to send (CTS1)	Clear to send (CTS2)
6	Power 1 in (+)	Power 2 in (+)
7	Receive data (RXD1)	Receive data (RXD2)