FRONTLINE TEST SYSTEM™

CABLING FOR RS-422/485 COMPROBE®

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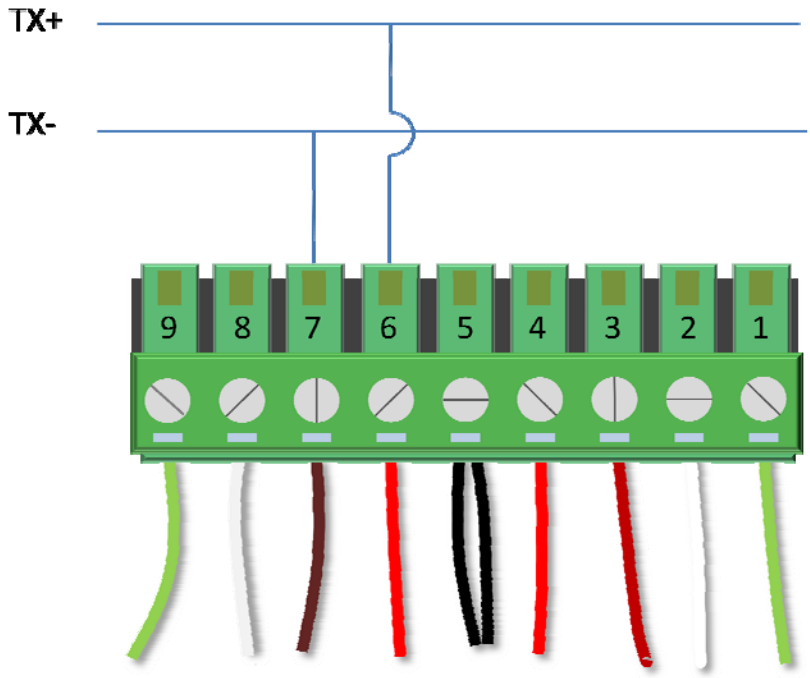
1 Cabling for RS 422/485

Because RS-422 and RS-485 don't subscribe to a standard connector pin out (as RS-232 does) it's necessary to make your own connections.

1.1 Cabling for 2 Wire RS 422/485:

FTS expects to see the transmit lines of your circuit connected to the corresponding pins on the ComProbe. Tap off of the Transmit + line (TX+) of your circuit, and connect that to pin 6 (RX+) on the ComProbe, then tap off of the Transmit - line (TX-) and connect that to pin 7 (RX-) on the ComProbe.



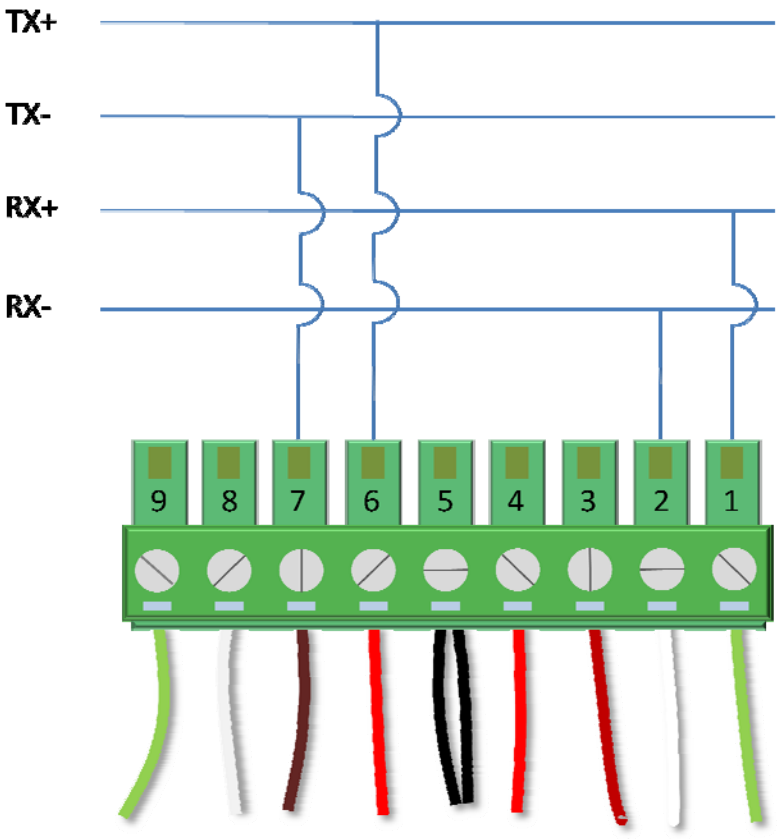
Signal Definitions

PIN	RS 422/485
1	TX+
2	TX-
3	RTS+
4	RTS-
5	GND
6	RX+
7	RX-
8	CTS+
9	CTS-

See the Quick Start Guide, installed in your FTS product folder for instructions on how to proceed from here.

1.2 Cabling for 4 Wire RS 422/485

For a four wire circuit, the procedure is the same. Tap off of the Transmit + line (TX+) of your circuit, and connect that to pin 6 (RX+) on one ComProbe, then tap off of the Transmit - line (TX-) and connect that to pin 7 (RX-) on the ComProbe. Do the same with the Receive lines, tap off of the RX+ and connect that to pin 1 on the ComProbe then tap RX- and send it to pin 2 on the ComProbe.



Signal Definitions

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3	RTS+
4	RTS-
5	GND
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7	RX-
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