

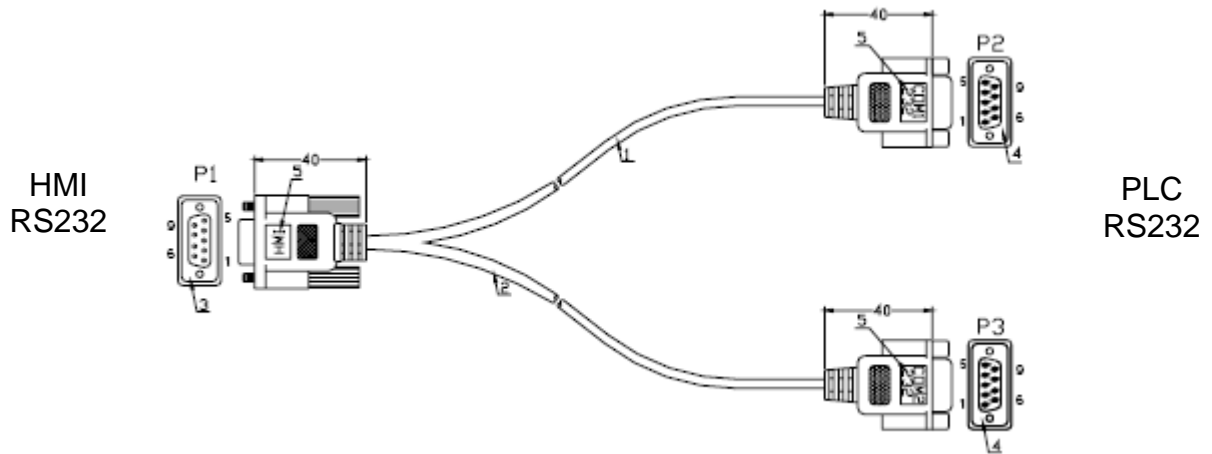
MT8-COM1 Cable

The MT8-COM1 cable is designed to break out an MMI8000 Series RS232 COM1 and COM2 ports pinout to the same configuration as a PC's RS232 port pinouts. This allows the use of Standard DB9 Cables that utilize RS232 communications to a PLC.

MMI to PLC RS232, MT8-COM1 Cable Configuration

Connect to MMI (HMI) COM1, COM2 [RS232] DB9 Female	COM1 Port DB9 Male RS232	COM2 Port DB9 Male RS232
1, 9 Not used	1, 4, 6, 9 Not used	1, 4, 6 ~ 9 Not used
2 RxD →	2 RxD	
3 TxD →	3 TxD	
4 TxD →		3 TxD
5 GND →	5 GND →	5 GND
6 RxD →		2 RxD
7 →	7	
8 →	8	

Observe markings on cable connectors for proper device connection.



Cable labeled with manufacturer's part number RZC002320

Connection to a Controller

Cable Requirements

The MT8-COM1 is used as an adapter cable to the PLC's interface cable. Different cables are required for various devices. See the EasyBuilder8000 Help menu for **Controller Specific Information** Section for cable details.

- Restrict cable length to avoid communications problems due to weak signals. Recommended distance for RS232 is less than 50' (15m)
- Shielded cable must be used for long lengths or cables run in an electrically noisy environment.
- Do not run cables next to AC power lines or near sources of electrical noise.
- Be sure that the cable ends have been inserted all of the way into mating connectors and are secure.



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