M5201
RS-232/232 Comms

Module Description:
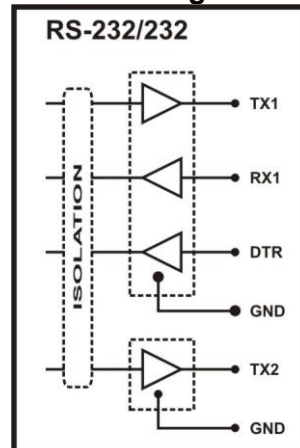
General	1 x isolated duplex RS-232 with DTR
	1 x isolated TX-only RS-232
Isolation	>500V from indicator to module
Power Supply	Internal
Baud rate[1]	300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200
Parity bit[1]	None, Even, Odd
Data bits[1]	7, 8
Stop Bits[1]	1, 2
DTR[1]	OFF, ON

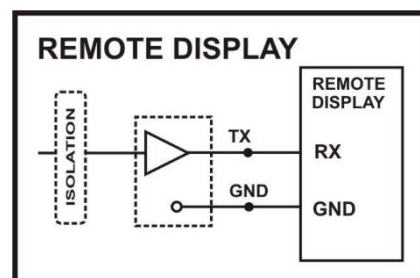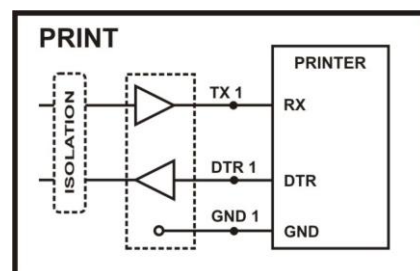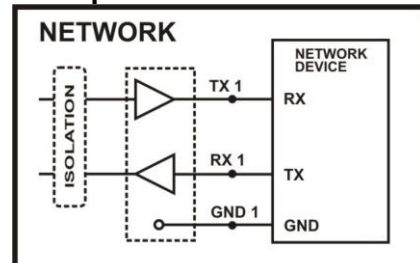Note 1: Instrument may not support all options.

Module Connections
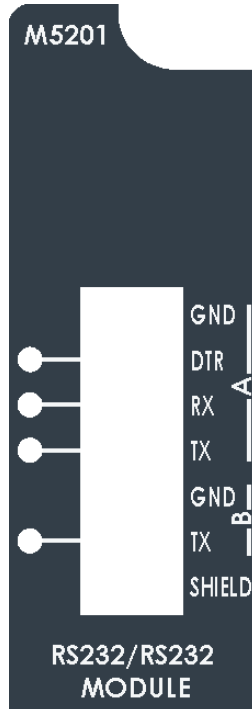
Interface Diagram:

Example Use:

M5201 SETUP

The indicator should be switched OFF before installing or removing this device.

Modules are configured using the indicator setup. Setup can be done via the indicator keypad or the viewer program. An overview of setup is given below; see the indicator Reference manual for detailed setup information.

The indicator provides configuration checking capabilities for the M5201. This is found in the SERIAL setup menu. See the indicator Reference manual.

K501 SOFTWARE SETUP

This module is configured as serial module 1 or serial module 2 on the indicator.

Network
(i) Setup. . . .   SERIAL. . . . . (Refer to Reference manual for settings)

Automatic Output
(i) Setup. . . .   AUT.OPT. . . . . (Refer to Reference manual for settings)

Print
(i) Setup. . . .   PRN.OPT. . . . . . . (Refer to Reference manual for settings)

Port Configurations
(i) Setup. . . .   SERIAL. . . . .   SER.M.1A   (Refer to Reference manual for settings)
                                             SER.M.1B
                                             SER.M.2A
                                             SER.M.2B

(i) Setup. . . .   BAUD. . . . .   (Refer to Reference manual for settings)
Port Transmission Options
(i) Setup. . . .   BITS. . . . .   (Refer to Reference manual for settings)

M5201 TROUBLESHOOTING

The M5201 has 4 annunciators which help with troubleshooting. These annunciators are shown on the Module Connections figure above.

Problem	Possible solutions
Receive not working. M5201 receive annunciator not lit.	Check wiring.
Receive not working. M5201 receive annunciator lit.	Check indicator setup (SERIAL:SERx).
Transmit not working. M5201 transmit annunciator not lit.	Check indicator setup (SERIAL:SERx). When printing: Check DTR annunciator and indicator setup.
Transmit not working. M5201 transmit annunciator lit.	Check wiring.