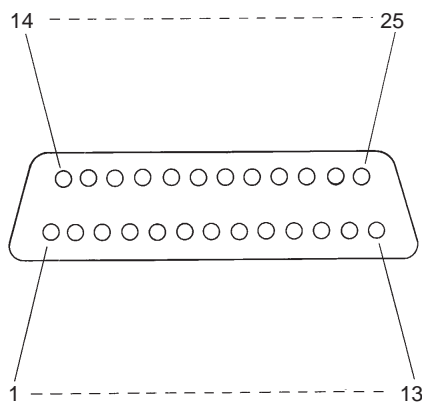


RS-232C (25-pin)

Electrical characteristics: Conforms to EIA RS-232C

Communications Signals

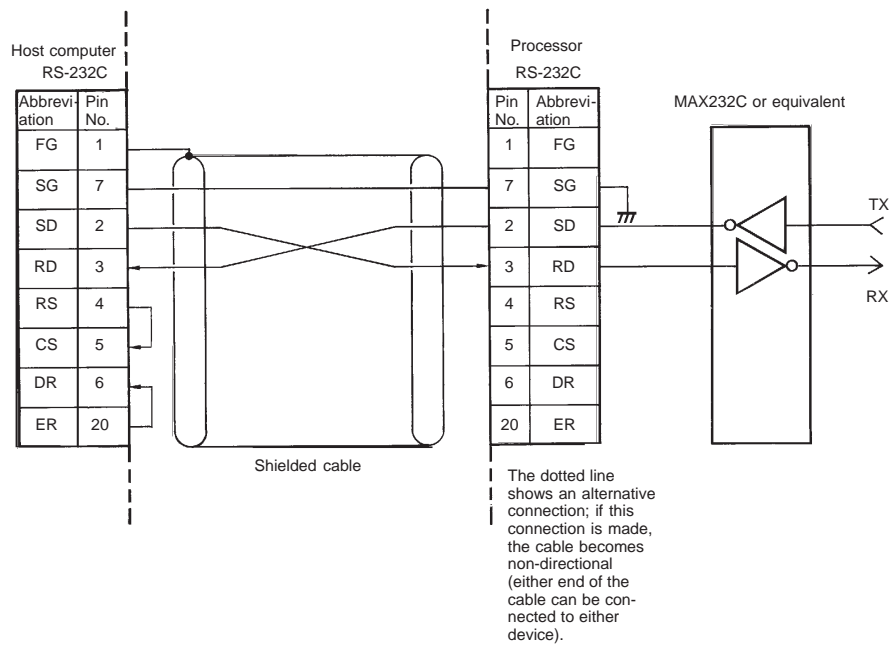
The following information identifies the key input/output signals of the interface.



Signal	Abbreviation	Signal direction	Pin No.
Frame Ground (safety ground)	FG	---	1
Signal Ground or common return	SG	---	7
Send Data	SD	Output	2
Receive Data	RD	Input	3
Request To Send	RS	Output	4
Can Send	CS	Input	5
Data Set Ready	DR	Input	6
Data Terminal Ready	ER	Output	20

Connection Diagram

The following example provides information on how the RS-232C Intelligent Signal Processor is to be connected to the host computer.



Synchronization clock:
Cable length:

Internal clock
15 m maximum. If increasing the cable length, use OMRON's RS-232C optical interface (Z3RN).

Applicable connectors:

Plug: XM2A-2501 (OMRON) or
equivalent

Hood: XM2S-2511 (OMRON) or
equivalent

Connection method (RS-232C direct connection): 1:1 connection only

The RS-232C Intelligent Signal Processor is configured as DTE (Data Terminal Equipment), therefore no host-side CD (Carrier Detect) can be supported. If the host computer requires a CD signal, support this signal by pulling up from the host side.

When using this connection, short-circuit RS with CS and DR with ER at the host computer side.