



Sony 9 pin Protocol Wiring diagrams

- 1) RS-422 to RS232, **Controller master to Pyramix slave**
- 2) RS-232 to RS-422, **Pyramix master to external machine slave**
- 3) USB or PCI RS232 adapter from RS-422, **Pyramix slave from Controller master**
- 4) USB or PCI RS232 adapter from RS-422, **Pyramix master to external machine slave**

1) RS422 to RS232 WIRING

RS422 → RS232

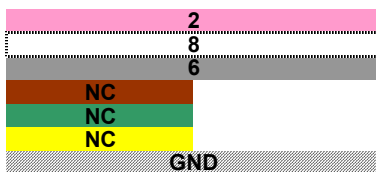
Controller master to Pyramix slave

FONCTION (RS 422)	RS422 SUB-D 9P MALE	→	RS232 SUB-D 9P FEMALE	FONCTION (RS232)
	1	NC	1	DCD/RLSD
RX-	2	→	3	TX
TX+	3	NC		
	4	NC	4	DTR
GND	5	→	5	GND
	6	NC	6	DSR
	7	NC	7	RTS
TX-	8	→	2	RX
	9	NC	9	RI
	SHIELD	→	SHIELD	

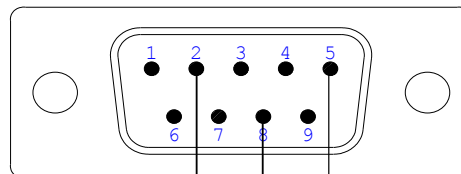
NOTE:

NC = NOT CONNECTED

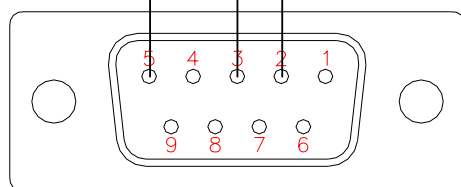
CABLE COLOUR CODE



SUB-D 9P MALE
RS422



SUB-D 9P FEMALE
RS232



2) RS232 to RS422 WIRING

RS232 → RS422

Pyramix master to external machine slave

FONCTION (RS 232)	RS232 SUB-D 9P FEMALE	→	RS422 SUB-D 9P MALE	FONCTION (RS422)
DCD/RLSD	1	NC		
RX	2	→	2	TX-
TX	3	→	8	RX-
DTR	4	NC		
GND	5	→	3-5 (+4-6) LINKED TOGETHER	GND
DSR	6	NC		
RTS	7	NC		
CTS	8	NC		
RI	9	NC		
	SHIELD	→	SHIELD	

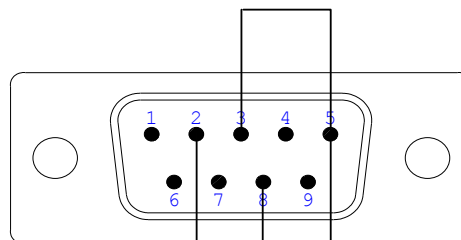
NOTE:

NC = NOT CONNECTED

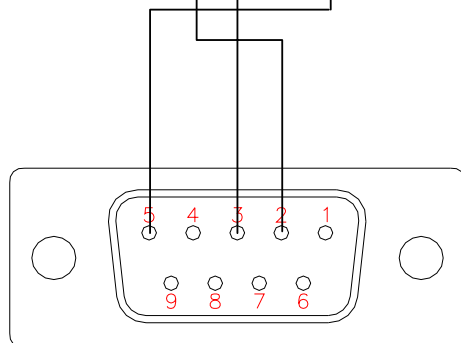
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	2
	3
	5
	NC
	NC
	NC
	GND

SUB-D 9P MALE
RS422



SUB-D 9P FEMALE
RS232



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3000 Dundee Rd. Suite 316, Northbrook, IL 60062, USA • TEL: +1 847 272 0500 • FAX: +1 847 272 0597

Le Verney, 1070 Puidoux, Switzerland • TEL: +41 21 946 04 44 • FAX: +41 21 946 04 45

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3) USB or PCI RS-422 Adapter to RS422 WIRING

Adapter → RS422

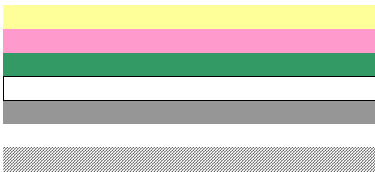
Pyramix slave from Controller master

FONCTION Adapter	RS422 SUB-D 9P FEMALE	→	RS422 SUB-D 9P FEMALE	FONCTION (RS422)
TXD-(A)	1	→	2	TXD-(A)
TXD+(B)	2	→	7	TXD+(B)
RXD+(B)	3	→	3	RXD+(B)
RXD-(A)	4	→	8	RXD-(A)
GND	5	→	1	GND
RTS-(A)	6	NC		
RTS+(B)	7	NC		
CTS+(B)	8	NC		
CTS-(A)	9	NC		
	SHIELD	→	SHIELD	

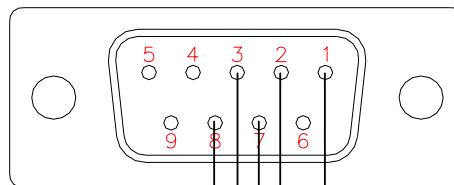
NOTE:

NC = NOT CONNECTED

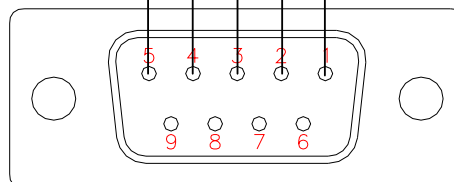
CABLE COLOUR CODE



SUB-D 9P FEMALE
RS422



SUB-D 9P FEMALE
CP-132



4) USB or PCI RS-422 Adapter to RS422 WIRING

Adapter → RS422

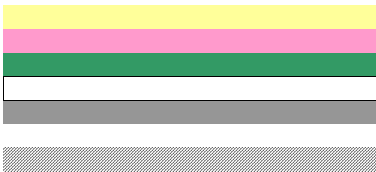
Pyramix master to external machine slave

FUNCTION (Adapter)	RS422 SUB-D 9P FEMALE	→	RS422 SUB-D 9P FEMALE	FONCTION (RS422)
TXD-(A)	1	→	8	TXD-(A)
TXD+(B)	2	→	3	TXD+(B)
RXD+(B)	3	→	7	RXD+(B)
RXD-(A)	4	→	2	RXD-(A)
GND	5	→	1	GND
RTS-(A)	6	NC		
RTS+(B)	7	NC		
CTS+(B)	8	NC		
CTS-(A)	9	NC		
	SHIELD	→	SHIELD	

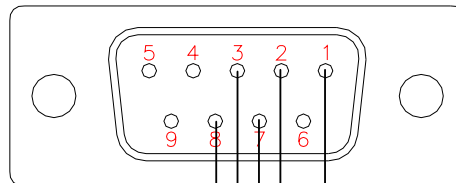
NOTE:

NC = NOT CONNECTED

CABLE COLOUR CODE



SUB-D 9P FEMALE
RS422



SUB-D 9P FEMALE
CP-132

