GE SNP-X

Supported Series: GE 90-30, 90 micro and VersaMax series PLC, 90-70 series with CMM711 module
Website: http://www.ge.com

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	GE SNP-X		
PLC I/F	RS485 4W	RS232/RS485	
Baud rate	19200	9600 ~ 115200	
Data bits	8	7, 8	Must set to 8 for this protocol
Parity	Odd	Even, Odd, None	
Stop bits	1	1, 2	
PLC sta. no.	0	0-255	Does not apply to this protocol

PLC Setting:

Refer to the related PLC manual.

Device Address:

Bit/Word	Device	Format	Range	Memo
B	I	DDDDD	1 ~ 10000	Input relay
B	Q	DDDDD	1 ~ 10000	Output relay
B	M	DDDDD	1 ~ 10000	Auxiliary relay
B	G	DDDD	1 ~ 7680	
B	T	DDD	1 ~ 256	
B	SA	DDD	1 ~ 128	
B	SB	DDD	1 ~ 128	
B	SC	DDD	1 ~ 128	
B	S	DDD	1 ~ 128	
B	R_bit	DDDDDdd	100 ~ 3264015	Data register bit
W	AI	DDDDD	1 ~ 10000	Analog input register
W	AQ	DDDDD	1 ~ 10000	Analog output register
W	R	DDDDD	1 ~ 32640	Data register

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Wiring Diagram:

Diagram 1

RS-485 4W (CPU Port 90-30/VersaMax)

The serial port pin assignments may vary between HMI models, please click the following link for more information.

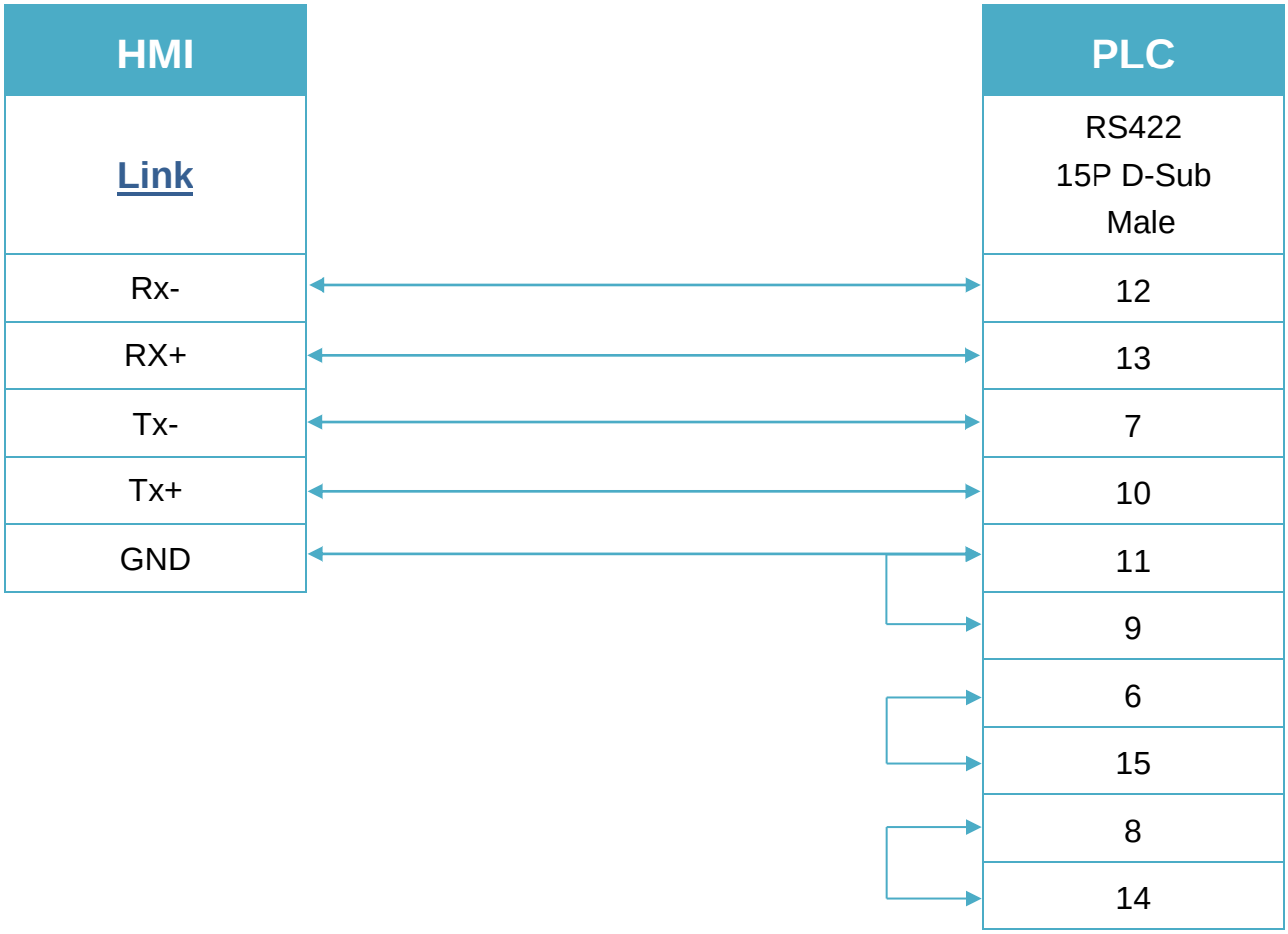

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Diagram 2

RS-232

CPU Port (90-30 series CPU351/352/363/364)

The serial port pin assignments may vary between HMI models, please click the following link for more information.

HMI		PLC
Link		RS232 6P RJ11 Male
Rx	⟷	2
Tx	⟷	5
GND	⟷	3

Diagram 3

RS-232

CPU Port (VersaMax series CPU001/002/005/E05)

The serial port pin assignments may vary between HMI models, please click the following link for more information.

HMI		PLC
Link		RS232 8P RJ45 Male
Rx	⟷	4
Tx	⟷	3
GND	⟷	8

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