

## LS XBM/XBC/XGK CPU DIRECT

Supported Series: LS XBM/XBC/XGK CPU RS232 port

Website: <http://www.lgis.com/>

### HMI Setting:

Parameters	Recommended	Options	Notes
<b>PLC type</b>	LS XBM/XBC/XGK CPU DIRECT		
<b>PLC I/F</b>	RS232	RS232	
<b>Baud rate</b>	115200	9600~115200	
<b>Data bits</b>	8	7, 8	
<b>Parity</b>	None	Even, Odd, None	
<b>Stop bits</b>	1	1	
<b>PLC sta. no.</b>	1	1	

\*Support communications between HMI and PLC in pass-through mode

\*Set LW-9903 to 2 to enhance the speed of download/upload PLC program in pass-through mode

### Device Address:

Bit/Word	Device type	Format	Range	Memo
B	PW_Bit	DDDDh	0 ~ 4095f	I/O device Bit
B	MW_Bit	DDDDh	0 ~ 4095f	Internal device Bit
B	LW_Bit	DDDDh	0 ~ 11263f	Communication device Bit
B	KW_Bit	DDDDh	0 ~ 8191f	Preservation device Bit
B	FW_Bit	DDDDh	0 ~ 4095f	Special device Bit( write available from
B	DW_Bit	DDDDh	0 ~ 524287f	Data register_Bit expression
B	UW_Bit	DH.DDh	0 ~ 3f.31f	XGK-CPUE : hh(0~1f)
B	RW_Bit	DDDDh	0 ~ 32767f	
B	SX	DDDD	0 ~ 25599	Relay for step control Bit
B	TX	DDDD	0 ~ 2047	Timer device Bit
B	CX	DDDD	0 ~ 2047	Counter device Bit
W	PW	DDDD	0 ~ 4095	I/O device
W	MW	DDDD	0 ~ 4095	Internal device
W	LW	DDDD	0 ~ 11263	Communication device
W	KW	DDDD	0 ~ 8191	Preservation device
W	FW	DDDD	0 ~ 4095	Special device( write available

Bit/Word	Device type	Format	Range	Memo
W	SW	DDDDD	0 ~ 255	Relay for step control
W	DW	DDDDDD	0 ~ 524287	Data register
W	UW	DH.DD	0.00 ~ 7f.31	Analog data register XGK-CPUE : hh(0~1f)
W	NW	DDDDD	0 ~ 21503	Communication data register
W	ZW	DDD	0 ~ 255	Index register_128 words
W	TW	DDDD	0 ~ 8191	Timer current value register
W	CW	DDDD	0 ~ 4095	Counter current value register
W	RW	DDDDD	0 ~ 32767	
W	ZRW	DDDDDD	0 ~ 524287	
W	TSW	DDDD	0 ~ 2047	Setup value
W	CSW	DDDD	0 ~ 2047	Setup value

## Wiring Diagram:

XGB RS232 6P Mini-DIN (Diagram 1 ~ Diagram 3)

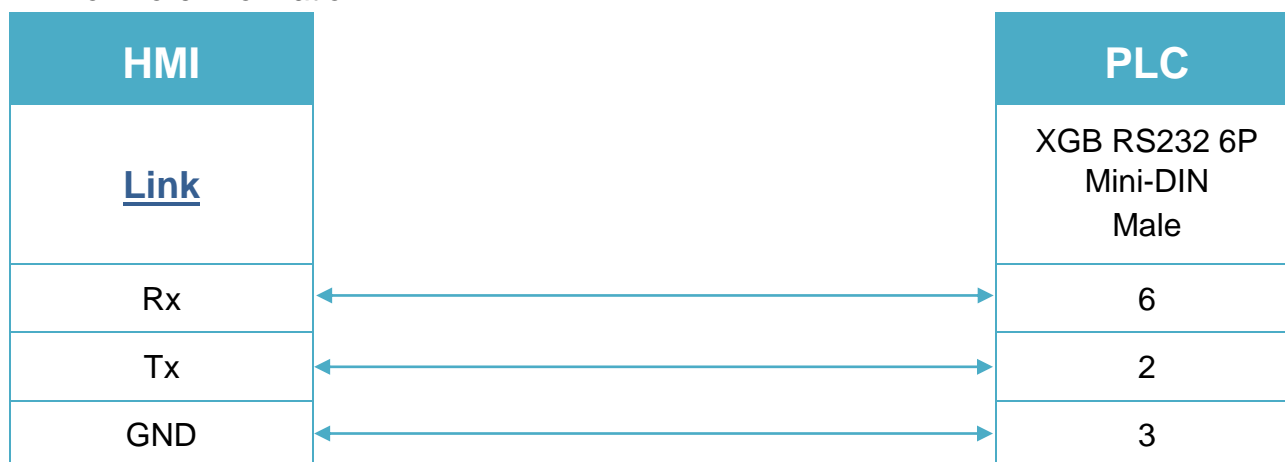
The following is the view from the soldering point of a connector.



### Diagram 1

#### RS-232

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



## XGK RS232 9P D-Sub Male

**Diagram 2****RS-232**

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

