

Revision History

Release	Data	Applies to	Comments
1.0	2005.5.27	Copley driver XSL-230 PCI-4P motion controller	first release
1.1	2005.11.30	Copley 800-15XX 、 XSL-230 PCI-4P motion controller	add 800-15XX connection

	Copley driver 800-15XX connector J7	PCI-4P for example axis0
8	IN7	ST0-
9	IN8	DR0-
10	IN9	ST0+
11	IN10	DR0+
2	Signal Ground	AGND
16	Encoder A	EA0+
17	Encoder /A	EA0-
18	Encoder B	EB0+
19	Encoder /B	EB0-
20	Encoder X	EZ0+
21	Encoder /X	EZ0-
3	IN1	SVN0
2	Signal Ground	COM-

Limit sensors(OMRON) from axis	PCI-4P for example axis0
+ _____	COM+
- _____	COM-
1-OUT _____	OT0+
2-OUT _____	OT0-
3-OUT _____	HOM0

OUT1 of Copley Xenus can be configured as In-Position signal.

There is no general input for PCI-4P, if you want to use for example HOM3 as general input for In-Position of Copley, connect like below.

Copley Xenus connector J7		PCI-4P
13	OUT1 _____	HOM3
2	Signal Ground _____	COM-

** the following connecting is for XSL-230

Copley Xenus (XSL-230) connector J7	PCI-4P for example axis0
10	IN9 ————— ST0-
11	IN10 ————— DR0-
2	Signal Ground ————— AGND
16	Encoder A ————— EA0+
17	Encoder /A ————— EA0-
18	Encoder B ————— EB0+
19	Encoder /B ————— EB0-
20	Encoder X ————— EZ0+
21	Encoder /X ————— EZ0-
3	IN1 ————— SVN0
2	Signal Ground ————— COM-