

## Saia PCD1.M0160E0

### Power Supply and User I/O Connections

X3 (Supply)	Pin	X0 (I/O's)	Pin	X1 (Inputs)	Pin	X2 (Serial)	Pin
+24VDC	30-32	PGND	0	Input 0-3	11-14	GND	20, 25
0VDC	33, 34	+24VDC ext.	1	Input 4, 5	15, 16	according inserted PCD7.F1xxx module	21-24, 26-29
WD relay	35, 36	PWM	2	AGND	17		
not used	37	Output 0-3	3-6	Analogue Input (default Ni 1000)	18, 19		
RS485 /D and D	38, 39	Mixed I/O 4-7 (default O)	7-10				

### Electromagnetic compatibility List (EMC)

This system is developed according to the international standard EN/IEC61131-2:2007 and complies with CE Directives 2004/108/EC (EMC), 2006/95/EC (Low voltage equipment).

### Hardware

- Ship Approval is pending
- UL Approval is pending
- This version is fully approved for CE conformity
- To use the device in an electrical control cabinet, it is recommended to use a flexible or angled Ethernet cable. With a conventional network cable the mounting of the cover (electrical cabinet) can not be guaranteed.

### Firmware

The FW on the PCD can be updated via any S-Bus PGU port (serial line, USB, Ether-S-Bus). Check site below for new versions.

### Programming Tool PG5

To use this new product, PG5 V \$2.1.027 or higher programming tool is necessary.

### Access visualisation

The PCD1.M0160E0 is preconfigured with IP address: **192.168.12.250**  
 Access from web browser: <http://192.168.12.250>

### Further information

If you have any problems, questions or remarks, please contact Saia-Burgess Controls.  
<http://www.saia-support.com/>

### Disclaimer

The plant engineer contributes his share to the reliable operation of an installation. He is responsible for ensuring that controller use conforms to the technical data and that no excessive stresses are placed on it, e.g. with regard to temperature ranges, over voltages and noise fields or mechanical stresses. In addition, the plant engineer is also responsible for ensuring that a faulty product in no case leads to personal injury or even death, nor to the damage or destruction of property. The relevant safety regulations must always be observed. Dangerous faults must be recognized by additional measures and any consequences prevented. Consistent use of the diagnostic elements of the PCD, such as the watchdog, exception organization blocks (XOB) and test or diagnostic instructions shall be made.