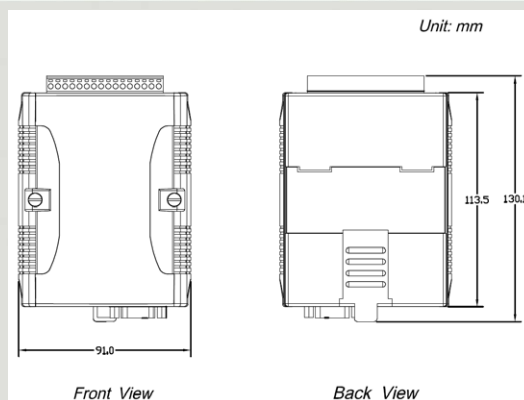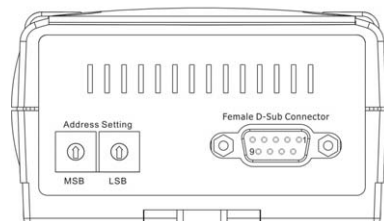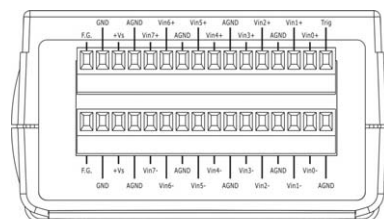## PROFIBUS Remote I/O Module

CE FC

PROFI-5017

Dimensions

The PROFI-5017 is one of the PROFIBUS DP series products produced by ICP DAS. It provides the PROFIBUS DP communication protocol with any DP-Masters. The PROFI-5017 provides ±4kV ESD protection contacting for all terminals (include I/O Terminals and PROFIBUS connector). By applying the PROFI-5017, users can easily establish a PROFIBUS DP network with other DP-Masters. In advance, it can be used in the application of building automation, remote data acquisition, environment control and monitoring, laboratory equipment & research, factory automation, etc..
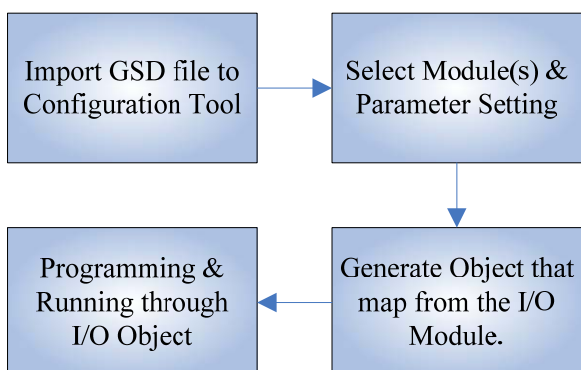
Features

- Support for PROFIBUS DP-V0 protocol
- Detect transmission rate automatically(Max. 12Mbps)
- Support device-related & channel-related diagnosis
- Address 0~126 set by rotary switches or SSA telegram
- 14-bits resolution & 100ksps AD converter
- Network isolation protection
- $3000V_{DC}$ isolation protection on PROFIBUS
- 4kV ESD protection (contact for any terminal)
- Wide range of power input (DC 10~40V_{DC}) and operating temperature (-25°C~+75°C)

Pin Assignments

Female D-Sub Connector

Pin No.	Signal	Meaning
3	A-Line	Receive/Transmit data-minus
4	CNTR-P	Repeater control signal, RTS signal
5	GND	Power ground of active terminator
6	VP	Power 5 volt of active terminator
8	B-Line	Receive/Transmit data-plus

Design Flowchart

Import GSD file to Configuration Tool → Select Module(s) & Parameter Setting → Generate Object that map from the I/O Module. → Programming & Running through I/O Object

Cobots   Cámaras   PLCs   HMIs   Sensores   Registradores   Software   Gateways   Osciloscopios   Celda de carga   Adquisición (DAT IoT)   PCs Industriale

ventas@logicbus.com   ¡Tu sitio de automalización!   +52 (33)-3823-4349   www.tienda.logicbus.com.mx