UL Class 1, Division 2, Groups A, B, C, and D Hazardous Locations.

CE

ROCKWELL AUTOMATION ENCOMPASS GLOBAL PARTNER

PROFIBUS to SCANport Communication Adapter

1560-PDP

The ProSoft 1560-PDP PROFIBUS DP Module is designed to allow PROFIBUS DP based PLCs to interface directly to the Rockwell Automation family of SCANport compatible devices allowing high speed access to the operating status and control parameters, as well as the parameter table.

Features and Benefits

The 1560-PDP module is simple to use, requiring only the setting of several dip-switch options. The parameters from the Rockwell Automation devices are pre-mapped to simplify reading and writing using standard commands. Use of Input and Output Data has been optimized to enhance Control and Status monitoring performance as well as access to the SCANport Datalinks.

- *Protocol mode: PROFIBUS DP Slave Mode using SPC3 chipset*
- *Baud Rate: up to 12 M Baud max.*
- *Input and Output Data Types*
- *Supports the high speed transfer of Control/Reference*
- *Status/Feedback and up to 8 Datalinks In and Out*
- *Up to 126 nodes max (with 3 repeaters)*
- *Pre-assigned map*
- *Command Control and Reference*
- *Status/Feedback*
- *Datalinks In and Out: A to D*
- *Up to 32 parameter values*
- *GSD File: PSFT087C.GSD*

Functional Specifications

- Configuration via dip switches
- Node Address: 1 to 126
- Fault on Loss of Comm. Enable
- SCANport Messaging Options
- No Datalinks, Datalinks A only, Datalinks A and B only, Datalinks A, B, C, D
- Communication port connections
  - o PROFIBUS Female 9-pin DB (PROFIBUS Std.)
  - o SCANport connector

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1560-PDP

The 1560-PDP has been designed specifically to allow Rockwell Automation SCANport devices to interface with Siemens PLC and/or any host that supports the PROFIBUS DP protocol. As such, possible applications of the 1560-PDP product exist in nearly every sector of industry.

How to Contact Us: Sales and Support

All ProSoft Technology products are backed with unlimited technical support. Contact our worldwide Technical Support team directly by phone or email:

Asia Pacific
+603.7724.2080, asiapc@prosoft-technology.com
Languages spoken include: Chinese, Japanese, English

Europe – Middle East – Africa
+33 (0) 5.34.36.87.20, support.EMEA@prosoft-technology.com
Languages spoken include: French, English

North America
+1.661.716.5100, support@prosoft-technology.com
Languages spoken include: English, Spanish

Latin America (Sales only)
+1.281.298.9109, latinam@prosoft-technology.com
Languages spoken include: Spanish, English

Brasil
+55-11.5084.5178, eduardo@prosoft-technology.com
Languages spoken include: Portuguese, English

- Status LED
  - SCANport Status (bi-color Red/Green)
  - PROFIBUS Status (bi-color Red/Green)

- Current Consumption: 65 ma at 24 VDC
  - Input Voltage: 85 to 264 VAC,1 Phase,45 to 63 Hz
  - 24 VDC

Hardware Specifications

Specification	Description
Configuration via dip switches	Slave Address: 1 to 63
Baud Rate	300 to 19200 baud
Parity	None, Odd and Even
Stop Bits	1 or 2
Physical Link	RS-232, RS-422 or RS-485
	Female 9-pin D shell connectors
SCANport Messaging	Type 4 Enable
	Type 5 Enable
	Type 6 Enable
	Type 7 Enable
Supplied in two forms:	Open Style Power supplied by drive, mounted directly to drive
	Enclosed Power supplied externally (120 VAC)
Status LED	SCANport Status (bi-color)
	Serial Port Status (bi-color)
	Tx/Tx Activity Status (amber)
Current Consumption	60 ma DC
Input Voltage	Open Supplied by drive
	Enclosed 85 to 264 VAC, 1 Phase 45 to 63 Hz
Operating Temp	0° to 50°C
Storage Temp	–40° to 85°C

Additional Products

ProSoft Technology offers a full complement of hardware and software solutions for a wide variety of industrial communication platforms.

Visit our web site at http://www.prosoft-technology.com for a complete list of products.

Ordering Information

To order this product, please use the following:

1560-PDP1   PROFIBUS to SCANport Communication Adapter - 120VAC

1560-PDP2   PROFIBUS to SCANport Communication Adapter - 24VDC

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft distributors near you, go to http://www.prosoft-technology.com

Distributors:
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North American / Latin American / Asia Pacific
orders@prosoft-technology.com,
fax to +1 661.716.5101

Europe
europe@prosoft-technology.com,
fax to +33 (0) 5.61.78.40.52