PROFIBUS Communications Adapter

3170-PDP
The 3170-PDP PROFIBUS-DP Communication Adapter is a slave device that allows Rockwell Automation FLEX and/or Integra I/O modules to interface directly with a PROFIBUS-DP Master/Scanner.

Features and Benefits
The 3170-PDP module is simple to use, requiring only the setting of the node address and the connection of 24VDC power. The FLEX and Integra module data images are configured using standard PROFIBUS configuration tools. The 3170-PDP's GSD file, available in the download section, defines the available I/O modules and their data images for PROFIBUS configuration.

Functional Specifications
- I/O Capacity: 8 I/O modules (Flex and/or Integra)
- RS-485 Communication port: 3 screw termination
- Status LEDs:
    o Power / Control Status
    o Serial TX, RX and ERROR Status

- Input Voltage: 24 VDC (19.2-31.2 VDC)
- Max Input Power: 8.6 W
- Max Backplane Output Current: 640 ma @ 5V
- Operating Temp.:0 to 55 °C
- Storage Temp.:–40 to 85 °C
- Dimensions: 87x68x69 mm (3.4x2.7x2.7 in)

Hardware Specifications

Specification	Description
Form Factor	Single Slot 1794 Backplane compatible
	Locate in any slot of Backplane
Backplane current load	20 mA @ 5 V
External power supply	12V to 24VDC
	340 mA to 170 mA
Operating temperature	0 to 55°C (32 to 140°F)
Storage temperature	–40 to 85°C (–40 to 185°F)
Shock	30g operational
	50g non-operational
	5g from 10150 Hz
Relative humidity	5 to 95% (non-condensing)

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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:

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inRAx

Specification	Description
LED indicators	Module status
	Backplane transfer status
	Application status
	Serial activity and error LED status
Configuration Serial port (PRT1)	Mini-DIN
	RS-232
	Hardware handshaking
Application serial Port (PRT2)	Mini-DIN
	RS-232/422/485 jumper selectable
	500V optical isolation from backplane
Dimensions (with Module installed in Base)	3.7H x 3.7W x 2.7D inches
	94H x 94W x 69D mm

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:

3170-PDP PROFIBUS Communications Adapter

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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