

The solution is simple

BACnet MS/TP Point Pickup Module

Broad Range of Applications:

- Exhaust fans
- Start/stop status applications
- Remote temperature sensing
- Door contacts
- Small cluster of remote I/O

Flexible and cost effective technology I/O Expansion Device

Siemens MS/TP Point Pickup Modules (PPM) lowers product installation and commissioning costs. The cost savings associated with the energy monitoring and reduced hardware requirements makes Siemens MS/TP PPM the ideal choice for expanding an existing system to meet monitoring and control needs in a wide variety of applications.

Designed specifically to communicate on a BACnet MS/TP network, Siemens MS/TP PPMs allow for incorporation of a small cluster of remote points into the building automation system. The PPM family leverages the MS/TP network to extend the reach of any BTL-listed BACnet Building Controllers application program.

Special Features:

- Open BACnet protocol allows for use in any BACnet BTL listed system.
- Wide range of signal type support for flexible IO solutions.
- Fast start-up with auto-populated device name and device ID.
- Highly-visible LEDs indicate the power, communication and DO status.
- Lower installation costs as no additional enclosure is required.
- Flexible mounting options including DIN rail, surface mounting, and on 4" x 4" junction box.



Flexible, cost-effective technology to meet your energy monitoring and control needs.



12 Point Combination PPM



6 Point Analog PPM



6 Point Digital PPM

PPM Type		
6 Point Digital PPM	6 Point Analog PPM	12 Point Combo PPM

I/O function	Description	Maximum number of functions per module		
Digital inputs				
Binary Inputs	Status indication, voltage-free/dry contact	4	2	5
Counter	Count/accumulator, voltage-free/dry pulse contact	3		
Analog inputs w/ 12-bit A/D resolution				
	Temperature NI 1000		4	4
	Temperature Pt 1000 385		4	4
	Temperature NTC 10K Type II	1		
	Voltage, DC 0 ... 10V		4	4
	Current DC 4... 20 mA		2	
Digital outputs				
BO OnOff	NO Contact, 240Vac, 5A Resistive/ 2 A General Purpose	2		3
Analog outputs				
	DC 0..10 V		2	2
	TOTAL	6	6	12

BACnet Protocol Implementation Conformance Statement (Abbreviated)

Vendor Name: Siemens
 Product Name:
 Siemens Point Pickup Module
 Product Model Number:
 PPM-1U32.BPF
 PPM-1U32.BPR
 PPM-2U22.BPF
 PPM-2U22.BPR
 PPM-2U3322.BPF
 PPM-2U3322.BPR

Applications Software Version: 1.2
 Firmware Revision: 1.00
 BACnet Protocol Revision: 135-2004
 Product Description: BACnet MS/TP I/O expansion module.
 BACnet Standardized Device Profile (Annex L): BACnet Application Specific Controller (B-ASC)

BACnet Interoperability Building Blocks Supported (Annex K):
 DS-RP-B, DS-RPM-B, DS-WP-B,
 DS-COVU-B, DM-DDB-B, DM-DOB-B,
 DM-DCC-B,
 Segmentation Capability: (None)
 Standard Object Types Supported:

PPM Type	Digital PPM	Analog PPM	Combination PPM
Objects types supported	AI, BO BI, Accumulator, Device	AI, AO BI, Device	AI, AO, BO, BI, Device
PPM Part Number	PPM-1U32.BPF PPM-1U32.BPR	PPM-2U22.BPF PPM-2U22.BPR	PPM-2U3322.BPF PPM-2U3322.BPR

See additional documentation for optional and proprietary properties.
 Data Link Layer Options:
 MS/TP slave (Clause 9), baud rate(s): 9600, 19200, 38400, 76800,
 MS/TP master (Clause 9), baud rate(s): 9600, 19200, 38400, 76800
 Device Address Binding: Is static device binding supported? No
 Networking Options: (None)
 Character Sets Supported: ANSI X3.4