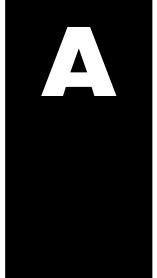# Specifications

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In This Appendix. . . .

— Specifications

NOTE: H0-PSCM has been retired.
No replacement available.

Specifications

H0–PSCM Profibus Slave Communications Module

Module Type	Profibus Network Interface Module
Maximum Expansion	32 stations per segment, 9 repeaters max./segment, 126 stations maximum
Communications	RS–485
Auto-configuring	GSD file in Master
ProfibusProfile	DP
Profibus Port	9–pin D–shell
Node Address	3 to 125 (decimal) set by DIP switches (0 used by the Master)
Segment distance	100 meters (327 feet) to 1200 meters (3270 feet)
Baud Rate	Selectable from 9.6 kbps to 12 Mbps

LED Indicators	STA (STATUS/Module):
	    ON = module power-up check passed
	    OFF = module power–up check failed
	 ACT (ACTIVE/Link):
	     ON = Network is active
	     OFF = Network is not active
	 LINK (Holding):
	    ON = PBC is configured correctly and running
	    OFF = Incorrect I/O configuration
	 ERR (ERROR):
	    ON = watchdog timer timeout represents
	       hardware, communications, or network
	       fault; power-on reset or reset within
	       master device software

Communications Port	RJ12, RS232C (used for firmware upgrade only)
Base Power Requirement	530mA @ 5VDC (supplied by base power supply)

General Specifications

Installation Requirements	Installs in option slot
Operating Temperature	32° F to 131° F (0° C to 55° C)
Storage Temperature	–4° F to 158° F (–20° C to 70° C)
Relative Humidity	5 to 95% (non-condensing)
Environmental Air	No corrosive gases, pollution level = 2 (UL 840)
Vibration	MIL STD 810C 514.2
Shock	MIL STD 810C 516.2
Noise Immunity	NEMA ICS3–304 Impulse noise 1μs, 1000V FCC class A RFI (144MHz, 430MHz, 10W, 10cm)
Manufacturer	Host Automation Products

Cable Specifications

Permitted Ambient Conditions	
Operating Temperature	32° F to 131° F (–40° C to 60° C)
Storage Temperature	–4° F to 158° F (–40° C to 60° C)
Installation Temperature	(–40° C to 60° C)
Bending Radius	
First and final bend	≥ 75 mm
Repeated bending	≥ 150 mm