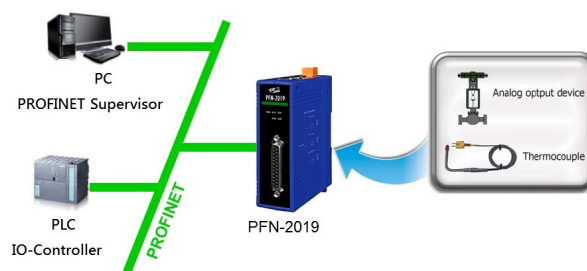




<b>Hardware</b>	
CPU	32-bit CPU Core
RAM/Flash/EEPROM	32 MB / 4 MB / 8 KB
Watchdog	CPU built-in
ESD Protection	4 kV class A
<b>PROFINET Interface</b>	
Protocol	PROFINET IO Device
Conformance Classes	Class B
Services	RTC, RTA, CL-RPC, DCP, LLDP, I&M
Cycle Time	1 ms (min)
<b>Ethernet Interface</b>	
Controller	10/100Base-TX Ethernet Controller (Auto-negotiating, Auto_MDIX)
Connector	RJ-45 x 2 (LED indicators) , Integrated 2-Port Switch
Services	ICMP, IGMP, ARP, DHCP, TELNET, TFTP, SNMP, VLAN Priority Tagging
<b>Analog Input</b>	
Channels	10 channel differential
Input Range	+/-15mV, +/-50mV, +/-100mV, +/-500mV, +/-1V, +/-2.5V, +/-5V, +/-10V +/-20mA, 0~20mA, 4~20mA (Jumper Selectable), Thermocouple Type: J, K, T, E, R, S, B, N, C
Resolution	16 bit
Sample Rate	10 Hz (Total)
Accuracy	+/- 0.1% of FSR
Open Wire Detection	Yes
<b>LED</b>	
Round LED	PWR LED, S1A LED, S1B LED, S2A LED, S2B LED
<b>Power</b>	
Power supply	Unregulated +10 ~ +30 VDC
Protection	Power reverse polarity protection, Over-voltage brown-out protection
Power Consumption	5W
<b>Mechanism</b>	
Installation	DIN-Rail
Dimensions	33 mm x 93 mm x 126 mm (W x L x H)
<b>Environment</b>	
Operating Temp.	-25 ~ 70 °C
Storage Temp.	-30 ~ 80 °C
Humidity	10 ~ 90% RH, non-condensing

## Applications



## Ordering Information

<b>PFN-2019/S CR</b>	PROFINET I/O Module (10-channel Universal Analog Input Module) (RoHS) include PFN-2019 module and a DB-1820 daughter board
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