



## PROFI-8455

PROFIBUS Remote I/O Unit with 4 Expansion Slots

### Hardware Specifications

CPU	80186, 80MHz
Flash	512K Bytes
SRAM	512K Bytes
EEPROM	2K Bytes
Watch Dog Timer	CPU Built-in
Com1	RS-232(Firmware update port)
PROFIBUS Interface	9-pin D-Sub(Female)
PROFIBUS Controller	Siemens SPC3
PROFIBUS Transceiver	ADI ADM2486 iCoupler Isolated Transceiver
Transmission Rate	Up to 12Mbps
I/O Expansion Slot	4 Slots
Power Requirement	10V ~ 30V
Power Supply	25W
Power Consumption	5W
Operating Temp.	-25° ~ +75°
Storage Temp.	-30° ~ +85°
Humidity	5% ~ 95%
Dimensions	188x132x90 mm

### Features

Protocol & Hierarchy	DP-V0 Slave
Supports Transmission Rate (Kbps)	9.6, 19.2, 45.45, 93.75, 187.5, 500, 1500, 3000, 6000, 12000
Transmission Rate Setting	detected automatically
Address Setting	0~126 set by Rotary switches
Indicators	PWR, ERR, and RUN LEDs
I/O modules Configuration	Configured by GSD file
Supports I/O modules hot-swap	i-87K High Profile series
Network Isolation Protection	High Speed iCoupler
DC Isolation Protection	3000VDC on PROFIBUS side
4KV ESD Protection	Contact for each terminal