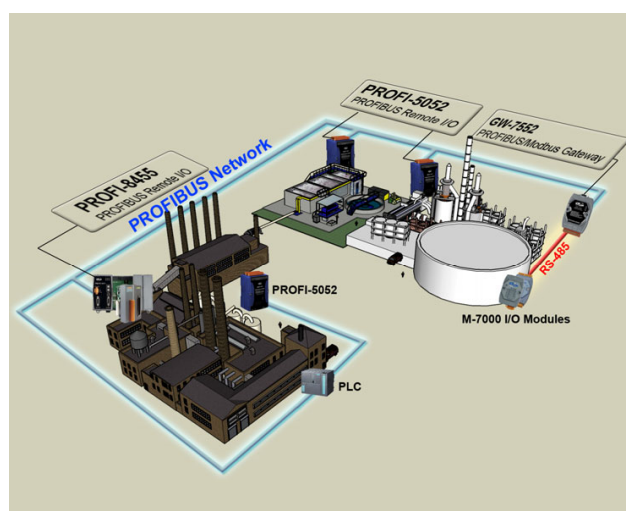




## Hardware Specifications

<b>Hardware</b>	
ESD Protection	4 kV class A
<b>PROFIBUS Interface</b>	
Controller	Profichip VPCLS2
Transceiver	ADI ADM2486
Connector	9-pin female D-Sub
Baud Rate (bps)	9.6 k, 19.2 k, 45.45 k, 93.75 k, 187.5 k, 500 k, 1.5 M, 3 M, 6 M, 12 M
Transmission Distance (m)	Depend on baud rate (for example, max. 1200 m at 9.6 kbps )
Isolation	3000 V <sub>DC</sub> for DC-to-DC, 2500 V <sub>rms</sub> for bus-to-logic
Protocol	DP-V0
<b>LED</b>	
Round LED	PWR LED, RUN LED
<b>Power</b>	
Power supply	Unregulated +10 ~ +40 V <sub>DC</sub>
Protection	Reverse polarity protection, Over-voltage brown-out protection
Power Consumption	1 W
<b>I/O</b>	
Digital Input	12 Channels (Sink or Source), Isolated from each other. Off Voltage Level: +1V Max. On Voltage Level: +4 ~ +30V Input Impedance: 3K $\Omega$ in series with opto-coupler Isolation Voltage: 5000 V <sub>rms</sub>
<b>Mechanism</b>	
Installation	DIN-Rail
Dimensions	91 mm x 128 mm x 52 mm (W x L x H)
<b>Environment</b>	
Operating Temp.	-25 ~ 75°C
Storage Temp.	-30 ~ 85°C
Humidity	5 ~ 95% RH, non-condensing

## Application



## Ordering Information

<b>PROFI-5052 CR</b>	PROFIBUS Remote I/O Module (12-Ch Isolated Digital Input)
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