

TECHNICAL SPECIFICATION

Atreyo Data Interface

ADI-301 – USB to USB isolated



Features

- No need of drivers
- USB 1.1 USB 2.0 High Speed compatible
- Isolated data interface
- DIN rail mounting option
- Metal body

The ADI-301 is industrial grade USB to USB opto-isolated interface. Designed to work in industrial environment. Perfect to use when is require to make galvanic separation between computer and machine.

Interface is powered directly from USB port than not need of external power supply.

Support all modern OS without drivers.

Description	Parameter
USB Interface	
Interface Type	USB 1.1 USB 2.0 High Speed compatible
Data Rate	Low and full speed data rate: 1.5 Mbps and 12 Mbps Bidirectional communication
Connector	Input: Type – B Output: Type – A
USB chip	Analog Devices
Protection	IEC 61000-4-2 level 4: – 15 kV (air discharge) – 8 kV (contact discharge)
Software	
OS support	All OS support
System Functions	
Indicators	High – high speed USB
	Low – low speed USB

Description	Parameter
	PWR – power indicator
Switch	High /Low speed switch
Power supply	
Power	From USB port
Power consumption	
Physical Characteristics	
Installation	Clamp, DIN-Rail Mounting (optional)
Housing	Aluminium
Weight	0.5kg
Dimensions	44mm x 92mm x 20mm
Environmental Specification	
Operating Temp.	-25 ~ 70°C (-13 ~ 158°F)
Storage Temp.	-40 ~ 85°C (-40 ~ 176°F)
Ambient RH	5% to 95% (non-condensing)



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