

Online4US Module AIM

Online4US Module: FU.O4US.AIM.001 (Analog Input Module)



The analog input module can also be used to trigger the sensor data measurement and control the period of monitoring using an analog voltage level.

General	
Function	Analog input for signal acquisition triggering
Processor	ARM Cortex-M3 @ 72MHz
Input channel	8 electrically insulated digital inputs
Environmental	
Operating temperature range	-20 to +55 °C -4 to 131°F
Mechanical	
Housing material	Polycarbonate
Dimensions housing	71.6x89.7x54.9 mm 2.80"x3.50"x2.13"
Mounting	35 mm DIN-rail
Weight	125g 4.4oz
Power	
Power supply	24VDC +/- 10% (uses main power supply through internal DIN-rail connection, no external wiring is needed)
Power consumption	≈50mA
Electrical	
Power reference	Isolated 12VDC internally provided (no external wiring is needed)
Minimum input voltage	0VDC
Maximum Input voltage	12VDC
Input resistance	> 200k
Resolution	8bits
Acquisition time	160 ms