# **APAX-5070 APAX-5072 APAX-5071**

Modbus/TCP Communication Coupler

**EtherNet/IP Communication Coupler** 

### **PROFINET** Communication Coupler



### **Specifications**

#### General

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<ul> <li>Certification</li> <li>Dimensions (W x H x D)</li> </ul>	CE, FCC class A 30 x 139 x 100 mm
<ul> <li>Enclosure</li> <li>Weight</li> </ul>	ABS+PC 190 a
Connector	2 x RJ-45 (2-channel switch, share same IP address)
<ul> <li>Power Consumption</li> </ul>	,
Communication	
Protocol	Modbus/TCP

- Connected I/O Modules
- **Digital Signals** 768 (max.)
- 192 (max.) **Analog Signals** 10/100 Mbps

32 (max.)\*

- Data Transfer Rates
- Line or star Topology
- Isolation Protection 1,500 V<sub>AC</sub>

#### Environment

Operating -10~60°C Temperature (mounted vertically) Storage Temperature -40 ~ 85°C 5 ~ 95% (non-condensing) Relative Humidity Shock Protection 10 G @ wall mount. half . sine, 11 ms (Confirms to IEC 60068-2-27) Vibration Protection 1 Grms @ 5 ~ 500 Hz (Random, operating, 1 hr/ axis) 2 G @ 5 ~ 500 Hz (Sine, non-operating, 1 hr/axis) (Confirms to IEC 60068-2-64 and IEC 60068-2-6)

### **Ordering Information** Modbus/TCP

- APAX-5070

#### **Accessories**

- APAX-5002
- 2-slot Backplane Module Power Supply for APAX Expansion Module

Communication Coupler

APAX-5343E

#### \*APAX DI/O modules can use ID number 0 ~ 31, while AI/O modules and counter modules can only use ID numbers 0 ~ 15

#### AD\ANTECH **DIN-Rail IPCs**

All product specifications are subject to change without notice



CE. FCC class A

ABS+PC

address)

768 (max.)

192 (max.)

10/100 Mbps

180 g

30 x 139 x 100 mm

2 x RJ-45 (2-channel

switch, share same IP

## **Specifications**

#### General

- Certification Dimensions
- (W x H x D)
- Enclosure
- Weight

Connectors

# Power Consumption 2 W @ 5 V<sub>DC</sub> (typical)

#### **Communications**

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- Protocol EtherNet/IP Connected I/O 32 (max.)\*
- Modules
- **Digital Signals Analog Signals**
- Data Transfer Rates
- Topology
- line or star Isolation Protection 1,500 V<sub>AC</sub>

#### Environment

- Operating
- Storage Temperature -40 ~ 85°C
- **Relative Humidity**

### **Ordering Information**

APAX-5072



## **Specifications**

#### General

<ul> <li>Certification</li> <li>Dimensions (W x H x D)</li> </ul>	CE, FCC class A 30 x 139 x 100 mm
<ul> <li>Enclosure</li> <li>Weight</li> <li>Connector</li> </ul>	ABS+PC 180 g 2 x RJ-45 (2-channel
<ul> <li>Power Consumption</li> </ul>	switch, share same IP address) $2 \text{ W} @ 5 \text{ V}_{\text{DC}}$ (typical)

#### Communication

- Protocol Connected I/O Modules
- **Digital Signals**
- **Analog Signals** 
  - Data Transfer Rates 10/100 Mbps APAX IO Topology Line or Star

#### Environment

- Operating -10~60°C Temperature
  - (mounted vertically)

**PROFINET RT V2.2** 

32 (max.)\*

768 (max.)

192 (max.)

- Storage Temperature -40 ~ 85°C
- Relative Humidity
- Shock Protection

Vibration Protection

1 Grms @ 5 ~ 500 Hz (Random, operating, 1 hr/ axis)

IEC 60068-2-27)

2 G @ 5 ~ 500 Hz (Sine. non-operating, 1 hr/axis) (Confirms to IEC 60068-2-64 and IEC 60068-2-6)

5 ~ 95% (non-condensing)

10 G @ wall mount, half

sine, 11 ms (Confirms to

# **Ordering Information**

APAX-5071

**PROFINET** Communication Coupler

Last updated : 5-May-2015

- -10~60°C Temperature (mounted vertically)
- Shock Protection

  - Vibration Protection 1 Grms @ 5 ~ 500 Hz

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IEC 60068-2-27)

2 G @ 5 ~ 500 Hz (Sine, non-operating, 1 hr/axis)

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sine, 11 ms (Confirms to

(Confirms to IEC 60068-2-64 and IEC 60068-2-6)

Coupler

EtherNet/IP Communication