

Schneider Series Service Manual

170BAM09600

1. Description

The 170BAM09600 from Schneider Electric is an I/O module designed for efficient data interfacing. Operating within a current range of 4 to 20 mA, it is suitable for various control systems.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon Momentum
Part	Number 170BAM09600
Weight	0.50 lbs (0.23 kg)
Product	I/O Module
Current	Rating 4 to 20 mA
Voltage	Rating 0 to 10 V DC
Number	of Inputs 4
Number	of Outputs 2
Ambient	Temperature Range 0 to 40 degrees Celsius
Operating	Humidity Up to 80% RH (non-condensing)
Storage	Humidity Up to 80% RH (non-condensing)
Maximum	Operating Altitude 1000 meters above sea level without derating

3. Product Information

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Technical specifications for 170BAM09600

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Product Line Modicon Momentum

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Storage Humidity Up to 80% RH (non-condensing)

Maximum Operating Altitude 1000 meters above sea level without derating

The Schneider Electric 170BAM09600 I/O module serves a vital role in data handling for automated systems. This module is rated to handle currents from 4 to 20 mA, providing flexibility in applications requiring analog signal processing. It supports a voltage range of 0 to 10 V DC, accommodating various input requirements. It is equipped with four active inputs and two efficient outputs, making it versatile for multiple tasks.

Weighing only 0.21 kg, this compact device is easy to integrate into existing setups. The ambient temperature for effective operation is maintained between 0 and 40 degrees Celsius, ensuring reliable function in moderate environmental conditions. For optimal performance, the module can withstand operating humidity levels up to 80% RH, provided that it remains non-condensing. Storage conditions are similar, permitting humidity levels of 80% RH without condensation.

Furthermore, the 170BAM09600 module can function at altitudes of 1000 meters above sea level without any reduction in performance. This module's specifications make it a robust solution for a variety of control and monitoring tasks in industrial applications.

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