



## **Ae- Automatic Electric 90-270 V Ac-Dc Programmable Multifunction Transducer**

The **AE - Automatic Electric 90-270V AC/DC Programmable Multifunction Transducer** is a high-precision measurement and conversion device engineered for modern power monitoring and control systems. Developed by **Automatic Electric Ltd.**, this multifunction transducer offers versatile and programmable functionality for measuring key electrical parameters such as voltage, current, and frequency. With a wide auxiliary supply range of **90-270V AC/DC**, it ensures flexibility across diverse installations in industrial and utility applications. Ideal for integration into SCADA systems, energy meters, and control panels, this transducer delivers accurate signal conversion to support real-time monitoring and automation.

### **Key Features:**

- Programmable multifunction transducer for voltage, current, and frequency measurement
- Wide auxiliary power range (90-270V AC/DC) for flexible system compatibility
- High accuracy class 1 in accordance with IEC 688 and IS 12784 standards
- Supports multiple input configurations including 0-500V and 1A/5A current ranges
- Compact and lightweight for easy panel mounting and integration

### **Specifications:**


- Product type: Programmable Multifunction Transducer
- Manufacturer: AE – Automatic Electric Ltd.


- Auxiliary supply: 90–270V AC/DC
- Input voltage range: 0–500V
- Input current range: 1A / 5A
- Frequency range: 45–55 Hz
- Accuracy class: Class 1 (IEC 688, IS 12784)
- Maximum burden: 750 Ohm
- Programmable parameters: Voltage, current, frequency (MLT transducer)
- Weight: 570 grams

The **AE 90–270V AC/DC Programmable Multifunction Transducer** combines precision, flexibility, and reliability in a single unit designed to meet the dynamic needs of electrical monitoring systems. Trusted for its compliance with international standards and robust design, this transducer is a valuable asset for engineers and technicians implementing intelligent energy and automation solutions.

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