

# Frequency to DC Converter

This frequency to DC converter transforms frequency signals into proportional DC voltage or current signals. It is designed for monitoring and controlling frequency-dependent parameters in applications such as motor speed control and process automation.



## ADDITIONAL IMAGES



## Product Overview

### High-Precision Frequency Transduction

The QPV Frequency Transducer is engineered to convert AC or DC voltage and current inputs into stable, load-independent output signals. Utilizing advanced RMS measurement technology, it maintains high accuracy even with distorted waveforms. Designed for industrial robustness, the unit features a wide auxiliary power range and 35mm DIN rail mounting for seamless integration into existing control and SCADA systems.

## Performance Metrics

### Core Specifications

**0.5 class**

Accuracy Class

**500 ms**

Response Time

**85 VAC**

Min Auxiliary Voltage

**265 VAC**

Max Auxiliary Voltage

## Technical Standards

Regulatory Standards

IEC 60688, IEC 60255-5, IEC 60255-22 Class III

## Configuration & Features

### System Capabilities

- 4-channel analog output
- Supports 22 parameter types
- Front panel 4-keypad configuration
- RS-485 remote data interface
- Optional SOE function

## Mounting & Installation

Installation

35mm DIN rail

## Applications

### Common Industrial Use Cases

Instrumentation Panels • Control Systems • Electrical Distribution • Transmission Systems • Generators • SCADA Systems