

AST 5P HIGH- PERFORMANCE SIGNAL TRANSMITTER

Advanced Signal
Processing for Precision
Load Measurement



Product Overview

The AST 5P is a state-of-the-art signal transmitter that transforms load cell measurements into highly stable, precise signals. Designed for seamless integration with modern control systems, this DIN rail-mounted device combines exceptional accuracy with user-friendly operation. Engineered as a direct replacement for the AST 3P transmitter, it enables customers to upgrade to the AST 5P without altering their existing systems, ensuring uninterrupted performance and protecting prior investments. With its advanced capabilities and robust design, the AST 5P enhances peace of mind by delivering superior performance to address today's challenges while preserving trusted operational systems.



AST 5P

High-Performance Signal Transmitter

Key Benefits

- 24-bits analog to digital conversion
- User-friendly design – Intuitive front-panel display for easy monitoring and configuration
- Versatile connectivity – Supports both analog and digital output

Advanced Features

- **Precision output options**
 - Analog: ± 10 VDC, 0 to 10 VDC, 0 to 20 mA, ± 20 mA, -12 to 20 mA or 4 till 20 mA
 - Digital: RS-485 with MODBUS RTU protocol
- **Smart integration**
 - Compatible with leading PLC and PC-based systems
 - Dual relay outputs for precise level control
 - Dual digital inputs
- **Easy configuration**
 - User-friendly front panel interface
 - Windows-based deltaCOM software support
 - Backup and restore functionality for quick device replacement

Quality Assurance

- Full CE certification
- Industrial-grade DIN rail mounting

Applications

- Process control systems
- High-precision weighing
- Industrial automation
- Level monitoring
- Quality control systems

About Us

BLH Nobel, part of Vishay Precision Group (VPG), is the pioneer and market leader in process weighing and force measurement solutions for demanding industrial applications. We design, manufacture and support high-quality, extremely accurate and robust weighing and control systems. Our wide range of standard products and custom solutions are all meticulously engineered to optimize our customers' processes and are built for longevity and reliability, providing solutions to any challenge they face. Installed in more than 100 countries, BLH Nobel systems reliably deliver precise stress, force, weight, pressure, and current measurements in the toughest environments.