

VTP10-P: Profibus-PA Position Transmitter

Vivace's field device family focused on position monitoring of linear and rotative systems. Available on Profibus PA communication protocol, these devices were developed with extremely low-consumption technology and high performance, offering robust, high-accurate and safe measurements, just like the final control elements demand.

Using a magnetic sensor free of mechanical contact to the actuator/valve element, Vivace's position devices provide reliable and stable measurements and control on environments exposed to temperature and vibration, with no affection of the process or measurement integrity. For extreme cases, a special assembled remote sensor is offered, keeping the device away from the noise and problem area.

Besides its excellent performance, the devices provide auxiliary diagnostics for predictive maintenance of the final elements they are connected to, configured and monitored by easy to handle tools, allowing user to have full control of process general status.

- Compact, lightweight and easy to install
- Accuracy: $\pm 0.05\%$
- PROFIBUS-PA according to IEC61158-2
- Non-contact position sensor (Hall sensor)
- Long service life
- Suitable for most models of valves and actuators
- Remote position sensor available for high vibration and high temperature applications
- Output action: direct and reverse
- User table
- Predictive maintenance diagnostics
 - Odometer, strokes and reversals
 - Position Histogram
- Analog input and Totalizer Blocks
- 5-digit rotary, alphanumeric and bargraph LCD
- Quiescent current: 12 mA
- Local Adjustment
- EDDL and DTM
- For linear and rotary applications: Control valves, manuals, modulators, sluices, tilting systems, alignment of conveyor belts, level measurement etc.

For details, please, see at: www.vivaceinstruments.com.br/en

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