

VAP10

ANALOG TO PROFIBUS-PA CONVERTER

PROFI[®]
BUS

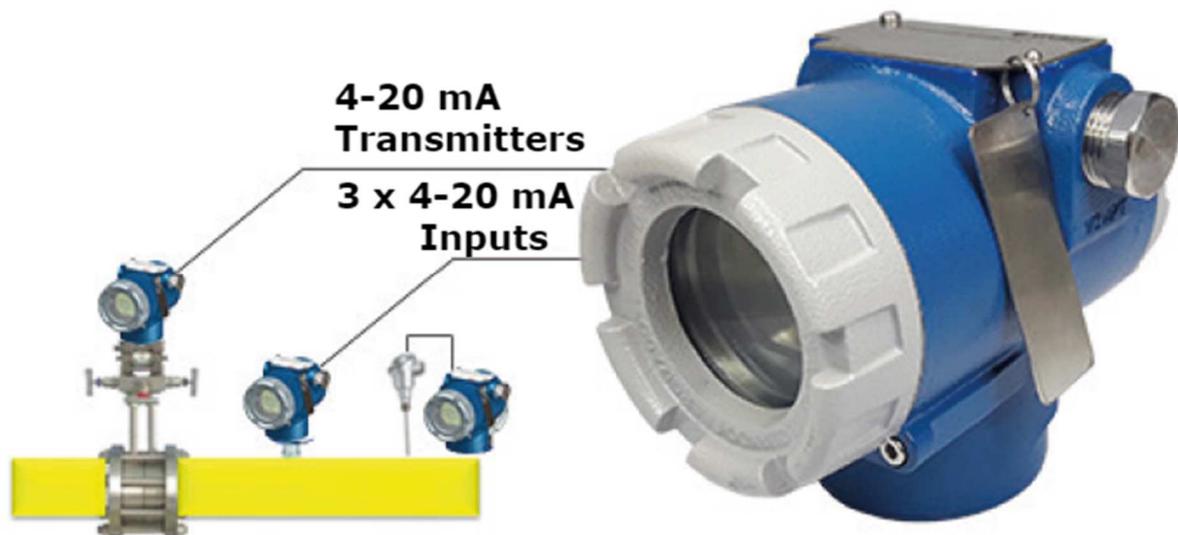


- ✓ Analog Channels for Current and Voltage Monitoring
- ✓ HART/4-20 mA (or 0-20 mA) Device Integration to Profibus-PA Network
- ✓ Independent Analog Channel Configuration
- ✓ Current Input: 4-20 mA and 0-20 mA
Voltage Input: 0-5 V
- ✓ Power Supply: 9 to 32 Vdc, Non-Polarized
- ✓ Operating Temperature: -40 to 85 °C
- ✓ Self-diagnose
- ✓ Support to EDDL and FDT/DTM Programmers/Tools
- ✓ Local Adjust with Magnetic Tool
- ✓ 5-digit, rotative, multi-function LCD including bargraph

DESCRIPTION

VAP10 is an analog-to-Profibus-PA converter that provides up to three voltage or current inputs to be converted into Profibus-PA signal. User can configure each channel to work with voltage or current, independently, thus offering great versatility to VAP10 applications.

Current inputs can be configured to 4-20 mA or 0-20 mA ranges, providing connection to any HART/4-20 mA device, for instance. For voltage inputs, converter allows signals in the 0-5 Volts range.



For converter configuration, it is possible to use the intuitive and fast-editing local adjust, with the magnetic tool. Also, user can configure converter with any EDDL/DTM-based software tool or Android® application.



TECHNICAL AND PHYSICAL SPECIFICATIONS

Accuracy	± 0.1% of Calibrated Span
Power Supply/Current Output	9 to 32 Vcc (non-polarized) / 12 mA
Communication Protocol	Profibus-PA – IEC61158-2
Input Configuration (3 channels)	Independent: 0-20 mA, 4-20 mA, 0-5 V
Electrical Isolation	Galvanic Isolation, 1.5 kVac
Classified Areas	Explosion Proof and Intrinsically Safe
Environment Temperature Limits	- 40 to 85°C
Configuration	Local, EDDL/FDT/DTM Tools and Android®
Display	5-digit, rotative, multifunctional LCD
Protection Degree	IP67
Housing Material	Aluminum
Weight	600 g

ORDERING CODE

VAP10 *Analog to Profibus PA Converter*

Certification Type	0	NO CERTIFICATION
	1	INTRINSICALLY SAFE
	2	EXPLOSION PROOF
Certification Body	0	NO CERTIFICATION
	1	INMETRO
Housing Material	A	ALUMINUM
Electrical Connection	1	½ – 14 NPT
Painting	1	BLUE – RAL 5005
Mounting Bracket	0	NO BRACKET
	1	SS 304 BRACKET

Ordering Code Example:

VAP10 - 0 0 A 1 1 0

*Explosion Proof Certification Ex tb (dust ignition) and Ex db (flame)