



AFP0RDA4 | FP0R Intelligent units



※Photo may vary from actual product.

Product Number	AFP0RDA4
Part Number	AFP0RDA4
Product	FP0R Analog output unit
Product name	FP0R Intelligent units

Spec Detail

As of May 23, 2021

Specifications and design of the products are subject to change without notice for the product improvement.

Item		Specifications
Product Number		AFP0RDA4
Part Number		AFP0RDA4
[[OUTPUT SPECIFICATIONS]]Number of input / output channels		0 / 4
[[OUTPUT SPECIFICATIONS]]Output range (analog output setting range) : Voltage		-10 to +10 V 14 bits (-8,000 to +8,000) -5 to +5 V 14 bits (-8,000 to +8,000) 0 to +10 V 14 bits (0 to +16,000) 0 to +5 V 14 bits (0 to +16,000)
[[OUTPUT SPECIFICATIONS]]Output range (analog output setting range) : Current		0 to 20mA 14 bits (0 to +16,000) 4 to 20mA 14 bits (0 to +16,000)
[[OUTPUT SPECIFICATIONS]]Output impedance : Voltage		0.5 Ω or less
[[OUTPUT SPECIFICATIONS]]Max. output current : Voltage		±10 mA
[[OUTPUT SPECIFICATIONS]]Permissible output load resistance : Current		500 Ω or less
[[OUTPUT SPECIFICATIONS]]Max. resolution		14 bits (1/16,000)
[[OUTPUT SPECIFICATIONS]]Overall accuracy : Voltage		±0.2 % F.S. or less (at +25 °C +77 °F) ±0.4 % F.S. or less (at 0 to +55 °C +32 to +131 °F)
[[OUTPUT SPECIFICATIONS]]Overall accuracy : Current		±0.3 % F.S. or less (at +25 °C +77 °F) ±0.6 % F.S. or less (at 0 to +55 °C +32 to +131 °F)
[[OUTPUT SPECIFICATIONS]]Conversion speed		500 μs/all channels
[[OUTPUT SPECIFICATIONS]]Other functions		Compatibility function for existing programs (12 bits)
[[OUTPUT SPECIFICATIONS]]Insulation method : Between the output terminals and internal circuit		Photocoupler and isolated DC/DC converter
[[OUTPUT SPECIFICATIONS]]Insulation method : Between channels		Not insulated