

## FX3U-3A-ADP

# Complete Analog Control for FX3 series

The FX3U-3A-ADP is the solution targeting small analog applications requiring basic yet fast analog input and output functions. It further extends the line up of serial communication, positioning control, temperature measurement and analog processing adapters for the left side system bus of the renowned FX3 series PLCs.



## 1 Combination of analog input and output

Offering two analog inputs and one analog output with max 12bit resolution allows complete control of smaller processes.

## 2 Support of standard analog signals

Having 0 to 10V and 4 to 20mA free selectable inputs and outputs enables easy connection to all standard analog units.

## 3 Direct addressing

All data is automatically updated in the special relay and register area. Having no need to learn special commands eases commissioning and maintenance.

## 4 Compact size

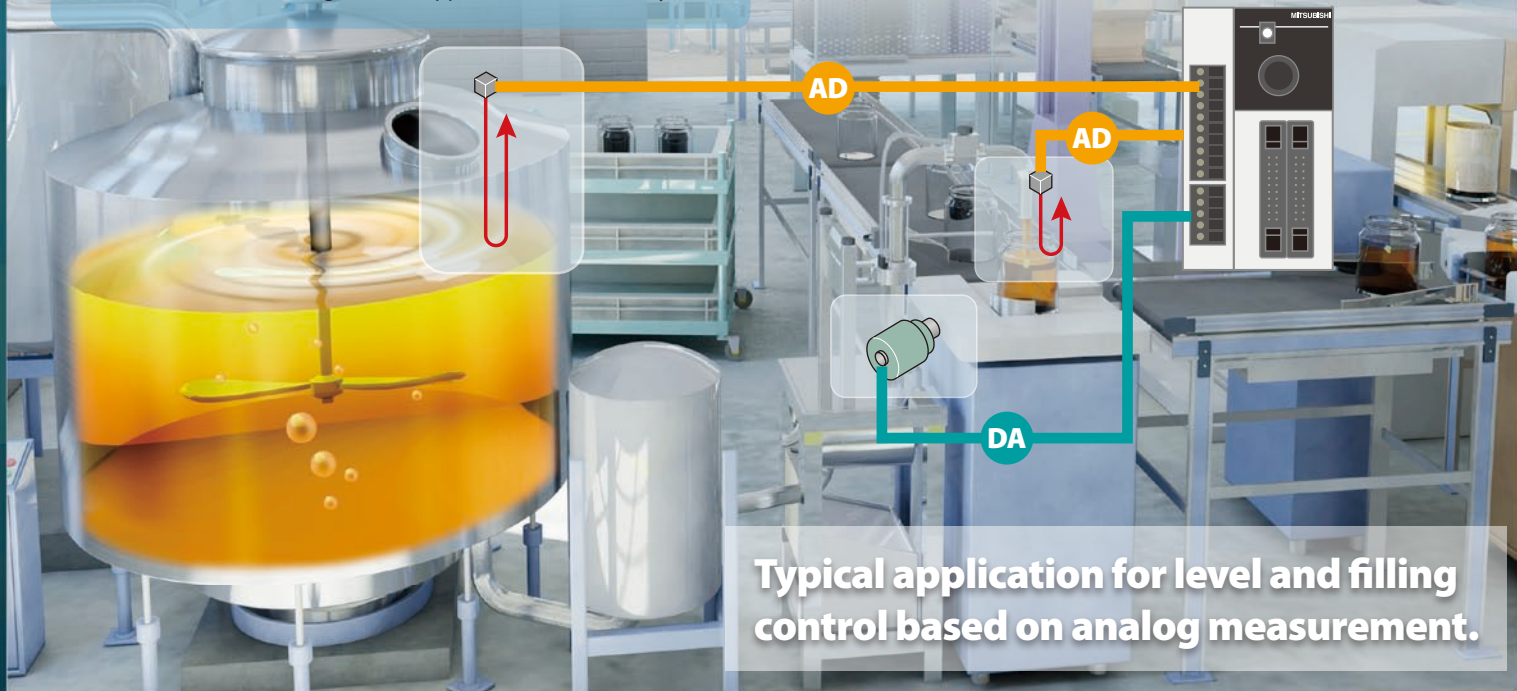
The extreme compact size of only 17.6Wx90Hx89.5D (mm) allows expansion to the PLC with a minimum of additional space.

## 5 Speed

Requiring a conversion time of 200μsec with the FX3U(C) or 250μsec with the FX3G lets analog control happen in the blink of an eye.

Specifications		FX3U-3A-ADP
Power supply		5V DC / 20 mA (from main unit) 24V DC / 90 mA
Analog channels	inputs	2
	outputs	1
Analog Input range (resolution)	voltage	0 to 10V DC (2.5 mV / 12 bits)
	current	4 to 20 mA (5 μA / 12 bits)
Analog Output range (resolution)	voltage	0 to 10V DC (2.5 mV / 12 bits)
	current	4 to 20 mA (4 μA / 12 bits)
Overall accuracy for fullscale		±0.5 % - 1.0%(Dependent on the ambient temperature)
Related I/O points		0
Weight	kg	0.1
Dimensions (W x H x D)	mm	17.6 x 90 x 89.5

\*Supported from FX3U/3UC F/W 2.61 and FX3G F/W 1.20



Typical application for level and filling control based on analog measurement.

### ⚠ Safety Warning

To ensure proper use of the products listed in this catalog, please be sure to read the instruction manual prior to use.

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