

Analog Inputs, Universal (2)	
Type	Current
Input Range	0 to 20 mA
Resolution	0.005 mA
Impedance	8 ohm
Type	Current
Input Range	4 to 20 mA
Resolution	0.005 mA
Impedance	8 ohm
Type	Voltage
Input Range	0 to 10 VDC
Resolution	0.003 V
Impedance	500 kΩ
Type	Voltage
Input Range	1 to 5 VDC
Resolution	0.003 V
Impedance	500 kΩ
Type	T/C Type J
Input Range	32° F (0° C) to 1,112° F (600° C)
Resolution	1.8°F (1°C)
Cold Junction Compensation	Yes
Type	T/C Type K
Input Range	32° F (0° C) to 2,192° F (1,200° C)
Resolution	1.8°F (1°C)
Cold Junction Compensation	Yes
Type	T/C Type T
Input Range	32° F (0° C) to 752° F (400° C)
Resolution	1.8°F (1°C)
Cold Junction Compensation	Yes
Type	T/C Type S
Input Range	32° F (0° C) to 2,912° F (1,600° C)
Resolution	1.8°F (1°C)
Cold Junction Compensation	Yes

Type	T/C Type B
Input Range	1,112° F (600° C) to 3,272° F (1,800° C)
Resolution	1.8°F (1°C)
Cold Junction Compensation	Yes
Type	T/C Type R
Input Range	32° F (0° C) to 2,732° F (1,500° C)
Resolution	1.8°F (1°C)
Cold Junction Compensation	Yes
Type	RTD, PT100E
Input Range	-40° F (-40° C) to 1,472° F (800° C)
Resolution	1.8°F (1°C)
Type	RTD, PT100R
Input Range	-40° F (-40° C) to 392° F (200° C)
Resolution	0.18°F (0.1°C)

Analog Outputs, Universal (2)	
Type	Current
Input Range	0 to 20 mA
Resolution	0.01 mA
Max Load Impedance	400 ohm
Type	Current
Input Range	4 to 20 mA
Resolution	0.01 mA
Max Load Impedance	400 ohm
Type	Voltage
Input Range	0 to 10 VDC
Resolution	0.01 V
Min Load Impedance	1kΩ
Type	Voltage
Input Range	1 to 5 VDC
Resolution	0.01 V
Min Load Impedance	1kΩ

Digital Outputs, (4)	
Type	PNP
Max Current Load	200 mA

Our calibration configuration allows you to specify a smaller operating range for calibration for certain input types to achieve increased accuracy for the input.

Industrial Control Strategy Templates

FCO101	Single Loop Control w/ Tracking Setpoint
FCO102	Single Loop Control w/ Fixed Setpoint
FCO103	External Set Control w/ Tracking Local Setpoint
FCO104	External Set Control w/ Non-Tracking Local Setpoint
FCO105	Ratio Set Control w/ Operator Setpoint Limits
FCO106	Single Loop Control w/ Operator Setpoint Limits
FCO107	Dual Loop Control
FCO121	Cascade Control
FCO122	Cascade Control w/ Operator Setpoint Limits

Experience the Simplicity

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