

MICRO800 PLUG-IN MODULES

Product Data Sheet

2080-IF2

Two-channel analog input plug-in module

INPUT CHANNELS	VOLTAGE INPUT RANGE	CURRENT INPUT RANGE	VOLTAGE INPUT IMPEDANCE
2	0 to 10 V DC	0 to 20 mA	>100 kohm

Allen-Bradley 2080-IF2 is a two-channel analog input plug-in module for compatible Micro800 programmable controllers. It extends a controller with unipolar voltage or current inputs for process measurements in small-machine and standalone automation applications.

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VERIFIED TECHNICAL DATA

Input channels	2
Voltage input range	0 to 10 V DC
Current input range	0 to 20 mA
Voltage input impedance	>100 kohm
Current input impedance	250 ohm
Conversion resolution	12 bits maximum
Data range	0 to 65535
Overall accuracy	±1% full scale at 25 deg C
Nonlinearity	±0.1% full scale
Repeatability	±0.1%

ADDITIONAL PRODUCT DATA

Channel update time	180 ms per enabled channel
Supply current	<60 mA at 3.3 V
Maximum cable length	10 m
Operating temperature	-20 to +65 deg C
Terminal screw torque	0.22 to 0.25 N m

DOCUMENTED USE SETTINGS

Food and Beverage Production and Packaging: Beverage Filling and Packaging.

Water Supply and Wastewater Treatment Processing: Municipal Water Supply.

Industrial Material Handling and Distribution Logistics: Warehouse Material Handling.

SYSTEM COMPATIBILITY

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PRODUCT EVIDENCE

Allen-Bradley Micro800 plug-in modules official technical documentation