

MICRO820 PROGRAMMABLE CONTROLLERS

Product Data Sheet

2080-LC20-20QWB

20-point programmable controller

DIGITAL INPUTS	RELAY OUTPUTS	ANALOG VOLTAGE OUTPUT	SHARED ANALOG INPUTS
12	7	1, 0 to 10 V DC	4, 0 to 10 V DC

Allen-Bradley 2080-LC20-20QWB is a Micro820 programmable controller in the Micro800 family for smaller standalone machines and remote automation. Its twenty-point configuration combines twelve digital inputs, seven relay outputs and one analog voltage output; four digital inputs can also serve as analog voltage inputs.

01 VERIFIED TECHNICAL DATA

Digital inputs	12
Relay outputs	7
Analog voltage output	1, 0 to 10 V DC
Shared analog inputs	4, 0 to 10 V DC
Supply voltage range	20.4 to 26.4 V DC, Class 2
Base power consumption	5.62 W maximum
Power consumption with plug-ins	8.5 W maximum
Maximum power dissipation	6 W
Analog input resolution	12 bits; 2.44 mV/count
Analog input impedance	14.14 kohm

ADDITIONAL PRODUCT DATA

Analog input time constant	1.44 ms typical
Analog output update time	20 ms maximum
Relay switching voltage	5 to 250 V AC
Relay switching times	10 ms on / 10 ms off
Relay mechanical life	10,000,000 cycles

DOCUMENTED USE SETTINGS

Water Distribution and Wastewater Treatment Processing: Water Supply and Distribution.

Food Preparation and Beverage Processing Production: Food Preparation and Processing.

Small Machine Manufacturing and Production Automation: Standalone Machine Automation.

SYSTEM COMPATIBILITY

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PRODUCT EVIDENCE

Allen-Bradley Micro820 programmable controllers official technical documentation

AMIKON PRODUCT SUPPORT

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