

Compact FieldPoint Accessories

CompactFlash

NI cFP-2220, 2120, and 2020 controllers feature a slot for removable CompactFlash – solid-state nonvolatile memory for storing your downloaded application or for performing embedded data logging. NI offers seven sizes of CompactFlash cartridges, ranging from 64 MB to 4 GB, which are industrially rated to withstand temperatures of -40 to 85 °C. They also feature high reliability with an endurance guarantee of 3 million write/erase cycles and advanced flash wear leveling for extended device life.

64 MB CompactFlash	778622-64
128 MB CompactFlash	778622-128
256 MB CompactFlash	778622-256
512 MB CompactFlash	778622-512
1 GB CompactFlash	778622-1024
2 GB CompactFlash	778622-2048
4 GB CompactFlash	778622-4096



Industrial-Rated CompactFlash

RS232 and RS485 Cables

NI Compact FieldPoint controllers have the built-in ability to connect to and control external serial devices such as LCD/keypad displays, touch screens, programmable logic controllers (PLCs), bar code scanners, scales, and external I/O. For the RS232 connector on the front of all cFP-20xx modules, you can use either a standard DB-9 serial cable or, for applications with tight clearances, the right-angle serial connector. Certain Compact FieldPoint controllers have additional serial ports on the sides of the modules with RJ50 connectors. These RS232 and RS485 ports can use either a cable with an RJ50 connector on one end and a DB-9 on the other, or an RJ50 connection to a DIN-rail-mounted connector block with the NI CB-485A connector block.

Serial Cable	Cable Length (m)	Connector 1	Connector 2	Applicable Terminals	Part Number
Right-angle serial cable	1	Right angle DB-9	DB-9	Front RS232	189284-02
S8 serial cable	1	RJ50	DB-9	Side RS232/RS485	182845-01
S8 serial cable	2	RJ50	DB-9	Side RS232/RS485	182845-02
S8 serial cable	3	RJ50	DB-9	Side RS232/RS485	182845-03
S9 serial cable	1	RJ50	DB-25	Side RS232/RS485	182846-01
CB-485A	1	RJ50	Screw terminals, DIN-rail mount	Side RS232/RS485	778674-01

RS232 and RS485 Cables

Ethernet Cables

The twisted-pair, CAT 5 cable for 10BASE-T and 10BASE-TX connection links FieldPoint and Compact FieldPoint network interface modules to an Ethernet switch or hub.

1 m	182219-01
5 m	182219-05
10 m	182219-10

NI Services and Support



NI has the services and support to meet your needs around the globe and through the application life cycle – from planning and development through deployment and ongoing maintenance. We offer services and service levels to meet customer requirements in research, design, validation, and manufacturing. Visit ni.com/services.

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We also offer service programs that provide automatic upgrades to your application development environment and higher levels of technical support. Visit ni.com/ssp.

Hardware Services

NI Factory Installation Services

NI Factory Installation Services (FIS) is the fastest and easiest way to use your Compact FieldPoint systems right out of the box. Trained NI technicians install the software and hardware and configure the system to your specifications. NI extends the standard warranty by one year on hardware components (controllers, backplanes, modules) purchased with FIS. To use FIS, simply configure your system online with ohm.ni.com/advisors/cfp.

Calibration Services

NI recognizes the need to maintain properly calibrated devices for high-accuracy measurements. We provide manual calibration procedures, services to recalibrate your products, and automated calibration software specifically designed for use by metrology laboratories. Visit ni.com/calibration.

Repair and Extended Warranty

NI provides complete repair services for our products. Express repair and advance replacement services are also available. We offer extended warranties to help you meet project life-cycle requirements. Visit ni.com/services.



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