

SIMATIC RF186C

Product Data Sheet

6GT2002-0JE20

RFID communication module

CONNECTABLE READERS	INDUSTRIAL ETHERNET TRANSFER RATE	MAXIMUM SERIAL TRANSFER RATE	READER ELECTRICAL INTERFACE
2	10 to 100 Mbps	921.6 kbit/s	RS422 / RS232

Siemens 6GT2002-0JE20 is a SIMATIC RF186C communication module for industrial identification. It connects up to two compatible readers to an Industrial Ethernet or PROFINET network for configured identification tasks in production and logistics.

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VERIFIED TECHNICAL DATA

Connectable readers	2
Industrial Ethernet transfer rate	10 to 100 Mbps
Maximum serial transfer rate	921.6 kbit/s
Reader electrical interface	RS422 / RS232
Ethernet connector	M12 D-coded
Reader connector	M12 8-pin
Supply voltage range	20.4 to 28.8 V DC
Typical current without readers	0.13 A at 24 V DC
Maximum current with readers	4 A
Maximum supply loop-through current	12 A

ADDITIONAL PRODUCT DATA

Operating temperature	-25 to +55 deg C
Storage temperature	-40 to +70 deg C
Ingress protection	IP67
Maximum RS422 cable length	1000 m
Maximum mounting screw torque	3 N m

DOCUMENTED USE SETTINGS

Automotive Manufacturing and Component Production: Vehicle Assembly and Production.

Industrial Production and Material Logistics: Production Material Tracking.

Food Processing and Beverage Manufacturing: Food Production and Packaging.

SYSTEM COMPATIBILITY

6GT2002-0JE20 belongs to the SIMATIC RF186C family and provides the documented rfid communication module function. Its connectable readers is 2; match this characteristic to the connected equipment and the project configuration.

PRODUCT EVIDENCE

Siemens SIMATIC RF186C manufacturer documentation; applicable pages 1, 2, 3