

SIMATIC RF185C

# Product Data Sheet

**6GT2002-0JE10**

RFID Reader Communication Module

| READER CONNECTION CAPACITY | ETHERNET TRANSMISSION RATE | MAXIMUM SERIAL READER RATE | SERIAL ELECTRICAL INTERFACES |
|----------------------------|----------------------------|----------------------------|------------------------------|
| <b>1 reader connection</b> | <b>10/100 Mbit/s</b>       | <b>921.6 kbit/s</b>        | <b>RS-422 or RS-232</b>      |

Siemens 6GT2002-0JE10 is the SIMATIC RF185C communication module for compatible identification readers. It connects one supported RF200/RF300 reader or documented code reader to the engineered industrial network.

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## VERIFIED TECHNICAL DATA

|                              |                                               |
|------------------------------|-----------------------------------------------|
| Reader connection capacity   | 1 reader connection                           |
| Ethernet transmission rate   | 10/100 Mbit/s                                 |
| Maximum serial reader rate   | 921.6 kbit/s                                  |
| Serial electrical interfaces | RS-422 or RS-232                              |
| Connector allocation         | M12 D network; M12 L supply; 8-pin M12 reader |
| Rated supply voltage         | 24 V DC                                       |
| Permitted supply range       | 20.4 to 28.8 V                                |
| Typical unloaded current     | 0.13 A                                        |
| Maximum total current        | 4 A including connected devices               |
| Supply loop-through capacity | 12 A maximum                                  |

## ADDITIONAL PRODUCT DATA

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|                              |                                                           |
|------------------------------|-----------------------------------------------------------|
| Operating temperature        | -25 to 55 deg C                                           |
| Storage temperature          | -40 to 70 deg C                                           |
| Enclosure protection         | IP67                                                      |
| Maximum RS-422 cable length  | 1000 m                                                    |
| Shock / vibration capability | 300 m/s <sup>2</sup> shock; 40 m/s <sup>2</sup> vibration |

## DOCUMENTED USE SETTINGS

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Automotive Manufacturing and Component Production: Automotive Assembly Process Automation.

Packaging Production and Material Converting: Industrial Packaging Process Automation.

Food Processing and Beverage Production: Food Processing and Production.

## SYSTEM COMPATIBILITY

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Integrate 6GT2002-0JE10 only in the documented SIMATIC RF185C configuration. Match the installed interfaces and the engineered application before selecting this rfid reader communication module.

## PRODUCT EVIDENCE

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Siemens technical documentation for 6GT2002-0JE10

AMIKON PRODUCT SUPPORT

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