

VERSAMAX

# Product Data Sheet

## IC200ALG264

Analog Current Input Module

| INPUT CHANNELS             | INPUT RANGES           | RESOLUTION | 4-20 mA CONVERSION STEP |
|----------------------------|------------------------|------------|-------------------------|
| 15 single-ended; one group | 4 to 20 mA; 0 to 20 mA | 15 bit     | 0.5 microA per count    |

IC200ALG264 is an Analog Current Input Module in the VersaMax family. It acquires current-loop process signals within compatible VersaMax control and remote I/O stations.

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## VERIFIED TECHNICAL DATA

|                         |                                                      |
|-------------------------|------------------------------------------------------|
| Input channels          | 15 single-ended; one group                           |
| Input ranges            | 4 to 20 mA; 0 to 20 mA                               |
| Resolution              | 15 bit                                               |
| 4-20 mA conversion step | 0.5 microA per count                                 |
| 0-20 mA conversion step | 0.625 microA per count                               |
| Input impedance         | 100 ohm                                              |
| Module update rate      | 7.5 ms                                               |
| Input filter frequency  | 24 Hz $\pm$ 20%, -3 dB                               |
| Backplane current       | 100 mA maximum at 5 V DC                             |
| Accuracy at 25deg C     | $\pm$ 0.3% typical; $\pm$ 0.5% maximum of full scale |

## ADDITIONAL PRODUCT DATA

|                          |                                             |
|--------------------------|---------------------------------------------|
| Accuracy at 0-60deg C    | ±1% maximum of full scale                   |
| Field-to-logic isolation | 250 V AC continuous; 1500 V AC for 1 minute |
| Channel isolation        | None                                        |
| CPU firmware requirement | 2.10 or later                               |
| Programming software     | VersaPro 2.0 or later                       |

## DOCUMENTED USE SETTINGS

Chemical Manufacturing and Process Production: Industrial Chemical Production.

Electric Power and Energy Generation: Electric Power Generation Processes.

Industrial Manufacturing and Production Automation: Industrial Production and Assembly.

## SYSTEM COMPATIBILITY

IC200ALG264 belongs to the VersaMax platform and serves as an Analog Current Input Module. Match the complete article code and installed hardware revision before using the applicable manufacturer documentation.

## PRODUCT EVIDENCE

GE Fanuc GFK-1504K, IC200ALG264, chapter 10

AMIKON PRODUCT SUPPORT

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