

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

S7-300

6ES7335-7HG02-0AB0

SM 335 HIGH-SPEED ANALOG MODULE

Used with the applicable SIMATIC S7-300 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official manufacturer documentation

Properties of SM 335

SM 335 is an I/O module for SIMATIC S7-300 and features the same general technical data as all of the other signal modules of SIMATIC S7-300. SM 335; AI4/AO4 14/12 Bit features the following properties.

Order number

6ES7335-7HG02-0AB0

Analog inputs

- 4 analog inputs, electrically isolated
- Integrated encoder supply 10 V / 25 mA
- Resolution of the measured value:
 - Bipolar: 13 bits + sign
 - Unipolar: 14 bits
- Selectable measured value:
 - 2 voltage inputs
 - 2 inputs, optional as current or voltage inputs

Analog outputs

- 4 analog outputs, electrically isolated
- Any range selection per analog output

Loads can only be connected to the analog outputs by means of 2-wire circuit!

- Resolution of the analog value:
 - Bipolar: 11 bits + sign
 - Unipolar: 12 bits

Operating modes

- 2 default operating mode data:
 - Free cycle
 - Conditional cycle
- 2 special operating modes:
 - Comparator
 - Measuring only

Interrupts / diagnostics

- Parameterizable diagnostics

Properties of SM 335

- Parameterizable diagnostics interrupt
- Parameterizable cycle end interrupt (triggers a hardware interrupt on the CPU)