SIMATIC ET 200IS 2AI I 2WIRE

Product Data Sheet

6ES7134-5RB00-0AB0

Two-channel two-wire current input

ANALOG INPUT CHANNELS	TRANSDUCER CONNECTION	NOMINAL INPUT RANGE	CONVERSION RESOLUTION
Two	**Two-wire, loop-powered**	**4...20 mA**	**12 bits plus sign**

Siemens 6ES7134-5RB00-0AB0 is the ET 200iS 2AI I 2WIRE analog electronics module for two loop-powered current transducers. It accepts the documented 4...20 mA range and converts each channel with 12-bit resolution plus sign.

01 TECHNICAL DATA

Analog input channels	Two
Transducer connection	Two-wire, loop-powered
Nominal input range	4...20 mA
Conversion resolution	12 bits plus sign
Maximum shielded cable	200 m
Maximum sensor supply current	23 mA per channel
Sensor-supply short-circuit protection	Yes
Channel-to-backplane isolation	Yes
Channel-to-channel isolation	None
Insulation test	500 V AC

Siemens ET 200iS Distributed I/O Station Manual A5E00087831-02, section 14.4, pages 14-45 to 14-48; applicable product i

02 ADDITIONAL PRODUCT DATA

Maximum powerbus current	280 mA
Typical module power loss	3.36 W
Conversion principle	Integrating Sigma-Delta
Basic conversion time	30 ms per active channel
Smoothing levels	None, weak, medium or strong

03 PRODUCT FUNCTION

The two-wire transducers receive their supply through the signal leads, with up to 23 mA per channel and short-circuit protection. The module uses integrating Sigma-Delta conversion with a 30 ms basic time per active channel and four configurable smoothing levels. Its inputs are isolated from the backplane but not from one another.

04 SYSTEM COMPATIBILITY

Connect channel 0 to terminals 1 and 2 and channel 1 to terminals 5 and 6 using the applicable terminal module. The two-wire transducers are powered over these measurement leads; evaluate the intrinsically safe loop against the applicable certification and control drawing.

05 REFERENCE

Siemens ET 200iS Distributed I/O Station Manual A5E00087831-02, section 14.4, pages 14-45 to 14-48; applicable product information

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**