SITRANS FUE950

Product Data Sheet

7ME3480-3AB00-2BD1

SITRANS FUE950 Energy Calculator

DISPLAY	MENU CONTROL	OPTICAL SERVICE INTERFACE	TEMPERATURE CONVERTER RESOLUTION
8-digit LCD	**Single push button**	**ZVEI / IrDA with M-Bus protocol**	**16 bits**

Siemens 7ME3480-3AB00-2BD1 belongs to the SITRANS FUE950 energy-calculator family. The calculator combines the pulse input from an external flowmeter with temperature inputs to derive energy and power values. Its local interface uses an eight-digit LCD and a single menu button.

01 TECHNICAL DATA

Display	8-digit LCD
Menu control	Single push button
Optical service interface	ZVEI / IrDA with M-Bus protocol
Temperature converter resolution	16 bits
Displayed temperature resolution	0.1 K
Temperature measurement cutoff	0.125 K
Absolute temperature input range	-20 to +190 degrees C
Heating temperature difference	3 to 177 K
Power value range	0 to 15000000 kW
Operating ambient	5 to 55 degrees C

Siemens FUE950 operating instructions A5E03424739-007, common calculator specifications and connection instructions. Con

02 ADDITIONAL PRODUCT DATA

Storage ambient	-25 to +70 degrees C
Enclosure protection	IP54
Maximum flow-input cable	10 m
Minimum flow-pulse on-time	3 ms
Minimum flow-pulse off-time	2 ms

03 PRODUCT FUNCTION

Common FUE950 specifications include a 16-bit temperature converter, 0.1 K displayed temperature resolution and an absolute input range of -20 to +190 degrees C. The enclosure is IP54, with 5 to 55 degrees C operating ambient. Supply, sensor and optional interface selections depend on the complete delivered configuration and are not inferred from unrelated variants.

04 SYSTEM COMPATIBILITY

Connect the temperature-sensor pair using the sensor type and two- or four-wire arrangement specified for the supplied calculator. Keep the pair correctly assigned to hot and cold measurement points; do not select a sensor type merely because the terminals appear compatible.

05 REFERENCE

Siemens FUE950 operating instructions A5E03424739-007, common calculator specifications and connection instructions. Configuration-specific options require the supplied nameplate.

AMIKON PRODUCT SUPPORT

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