

Honeywell 900ES1-0100

Serial Communication Module (900ES1-0100)

Serial Communication module provide 2* RS232 Port and 2* RS485 port. Supporting Modbus Serial communication protocol and user defined protocol.

Item Specification

Protocol support

Modbus ASCII Master

Modbus ASCII Slave

Modbus RTU Master

Modbus RTU Slave

User defined Protocol

Connector 2*RS232:9-Pin D-sub male connector, share the same isolator

2*RS485: Isolated from each other and from RS232 ports

Galvanic Isolation 2000 VDC

Maximum slave devices connected per RS485 port

32

Module status LED Supported

Channel communication LED Supported

Maximum communication module per CPM

6

Operation Temperature -40 to 70° C

Storage Temperature -40 to 85° C

Baud rate 300bps to 115200bps, adjustable

Flow control None, RTS-CTS, RTS

Parity None, Odd, Even

Data Bits None, Odd, Even

Stop Bits 7, 8 (7 is not supported on Modbus RTU protocol)

Experion Integration - Diagnostic Supported

Maximum Length of User Defined

Protocol

532 Bytes

Supported data types on User

Defined Protocol

USINT, UINT, UDINT, LINT REAL, LREAL

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