

Arc Module Cond-P SU

Specification Sheet (Part/REF # 10071707)



The Arc Module Cond-P (in combination with the Conducell-P SU) enables precise conductivity measurement in single-use bags.

Product Specifications

Parameter	Conductivity (4-Pole)
Electrical Connector	VP8
Sensor Output	Arc: Modbus
Measurement Principle	4 pole contacting
Measuring Range	100 μ S/cm to 300 mS/cm
Accuracy at 25 °C	\pm 5 % at 100 μ S/cm to 100 mS/cm \pm 8 % at 100 mS/cm to 200 mS/cm \pm 10 % at 200 mS/cm to 300 mS/cm
Temperature Sensor	Yes (on sensor element: Conducell-P SU)
Configurable Values	Conductivity, Temperature
Digital Interface	RS485 Modbus (max. 31 addresses)
Baud Rate	4800, 9600, 19200, 38400, 57600, 115200 bd
Operating Voltage	7 to 30 VDC max. 150 mW
Serial Number	Yes
Certificate	Yes
Autoclavable	No
CIP	No

Steam Sterilizable	No
Gamma Irradiatable	No
Operating Temperature Range	0 to 60 °C
Protection Rating	IP 64 (when connected to the sensor element: Conducell-P SU)

Specifications are subject to change without notice

Spec. Version B

<https://www.hamiltoncompany.com/process-analytics/sensors/10071707>