

Conducell 4USF-VV

Specification Sheet (Part/REF # 237640)



Conducell 4UxF 4-pole conductivity sensors offer good linearity with a broad measurement range and multiple electrode options.

Product Specifications

Sensor Family	Conducell 4UxF
Parameter	Conductivity (4-Pole)
Sensor Output	Traditional
a-length	3 mm
Electrical Connector	VP6
Measurement Principle	4 pole contacting
Measuring Range	1 μ S/cm to 500 mS/cm
Cell Constant	0.36 /cm
Temperature Sensor	Pt1000
Diameter	12 mm
Process Connection	Tuchenhagen Varivent DN50/60
Wetted Parts	Stainless Steel 1.4435 PEEK (Polyetheretherketone) EPDM (Ethylene propylene elastomer) See compliance details in Material Specification document
Surface Quality of Steel	Ra < 0.4 μ m (N5, electropolished)
Serial Number	Yes
Certificate	Yes, with nominal and actual cell constant
ATEX Approval	No
Autoclavable	Yes
CIP	Yes
Steam Sterilizable	Yes
Operating Temperature Range	-20 to 150 °C
Pressure Range bar g	0 to 20 bar (135 °C), 0 to 10 bar (150 °C)

Specifications are subject to change without notice

<https://www.hamiltoncompany.com/process-analytics/sensors/237640>

Spec. Version B