

Conducell 4USF VP TC 1.5 21

Specification Sheet (Part/REF # 243590-1271)



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	21 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	Triclamp 1.5"
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	II 1/2 G Ex ia IIC T4/T5/T6 Ga/Gb; II 1/2 D ia IIIC T x °C Da/Db
IECEX Approval	II 1/2 G Ex ia IIC T4/T5/T6 Ga/Gb; II 1/2 D ia IIIC T x °C Da/Db
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/sensors/243590-1211-2>

Spec. Version A