

Conducell 4US-T150-50

Specification Sheet (Part/REF # 237750)



With Triclamp and G 1 1/4" process connections the Conducell 4US can be directly mounted into sanitary process fittings with no additional housing needed.

Product Specifications

Sensor Family	Conducell 4US
Parameter	Conductivity (4-Pole)
Sensor Output	Traditional
a-length	50 mm
Electrical Connector	5 m Fix Cable / Open End
Measurement Principle	4 pole contacting
Measuring Range	0.1 μ S/cm to 500 mS/cm
Cell Constant	0.147 /cm
Temperature Sensor	Pt1000
Diameter	24 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 IIB T4/T5/T6 Ga/Gb; II 1/2 D ia IIIC T x °C Da/Db
IECEx Approval	II 1/2 G Ex ia IIB T4/T5/T6 Ga/Gb; II 1/2 D ia IIIC T x °C Da/Db
Autoclavable	No
CIP	Yes
Steam Sterilizable	Yes
Operating Temperature Range	-20 to 135 °C
Pressure Range bar g	0 to 6 bar

Specifications are subject to change without notice

<https://www.hamiltoncompany.com/process-analytics/sensors/237750>

Spec. Version B