

CMC14/10

High Temperature Insertion Conductivity Cell



Features

- IP67 quick release connector simplifies installation and maintenance
- Suitable for high temperature, high pressure applications
- 0.75" BSP process connection

The CMC14/10 insertion conductivity cell has been designed specifically for use in boiler blowdown applications to monitor the total dissolved solids directly without the need for a sample cooler.

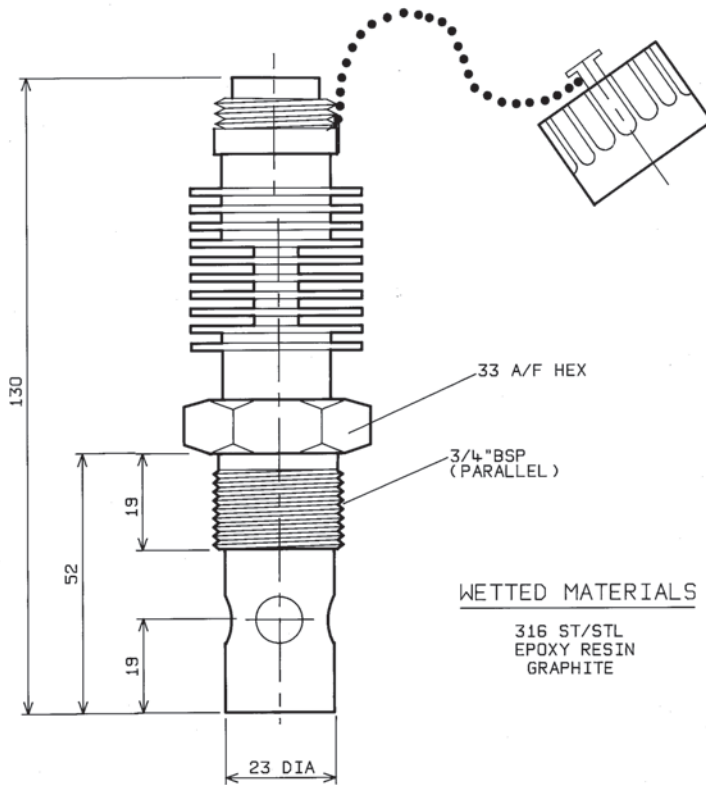
The design of the CMC14/10 insertion conductivity cell is extremely rugged and therefore suitable for industrial applications. The principal advantage of this construction is that sample volume or the proximity of any pipework does not affect the cell constant.

The CMC14/10 conductivity cell has a 0.75" BSP male process connection and a cell constant of $K=1.0$. Connection is made via an IP66 plug that simplifies installation and maintenance.

The cells require no initial or periodic calibration and the only maintenance required is to keep the electrode surfaces clean.

CMC14

DIMENSIONS IN mm



WETTED MATERIALS
 316 ST/STL
 EPOXY RESIN
 GRAPHITE

Specification

CMC14/10 Conductivity cell

Cell constant:

K=1.0

Cell constant accuracy:

2%

Wetted materials:

316 stainless steel, epoxy resin, graphite

Maximum operating temperature:

180°C

Maximum operating pressure:

34 bar/510 PSI

Order Codes

Type No	Part No	Description
CMC14/10	1374	K=1.0, 0.75 BSP male fitting, no temperature compensation. High temperature and pressure specification, 34 bar at 180°C. Terminated with a C16P connector. Cable to be ordered separately.
54D/C16	138/131	5 metre type 54D connection cable, fitted with C16P connector
54D/C16	138/322	10 metre type 54D connection cable, fitted with C16P connector
54D/C16	138/323	15 metre type 54D connection cable, fitted with C16P connector
54D/C16	138/327	20 metre type 54D connection cable, fitted with C16P connector
54D/C16	138/326	30 metre type 54D connection cable, fitted with C16P connector
54D/C16	138/181	5 metre type 54D connection cable, fitted with right angle C16P connector
54D/C16	138/132	Additional 54D connection cable to be added to 138/131 & 138/181
54D/C16	138/330	5 metre conductivity cell connection cable for use with wall mounting HCT63 conductivity transmitter
54D/C16	138/331	10 metre conductivity cell connection cable for use with wall mounting HCT63 conductivity transmitter

Note: Temperature, pressure & solution composition will influence the life expectancy of the measurement sensor.



These products comply with current European Directives

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