

Conductivity cells with Triclover fitting

Features

- K=1.0, K=0.1 or K=0.01 factors
- Slim 12mm diameter design
- 1.5" triclover fitting
- Pt100 temperature compensation sensor

Description

The P-CS51T range of conductivity cells are designed for use where sanitary conditions are to be met. The cells are constructed from 316L stainless steel with seamless joints between the stem and the triclover fitting.

The cells are available with K factors of K=1.0, K=0.1 or K=0.01

The cells are fitted with a 5m cable and include a Pt100 RTD temperature compensation sensor.

Wetted materials of construction are 316 stainless steel and Teflon, with double redundant EPR O-ring seals. The temperature sensor element is potted in the body itself.

The sensor can withstand both steam sterilisation, or cleaning by any of the commonly used sanitising solutions such as bleach, ozone, etc..



Order Code

P-CS51T0.01RT5M	K factor K=0.01
P-CS51T0.1RT5M	K factor K=0.1
P-CS51T1.0RT5M	K factor K=1.0

Specifications

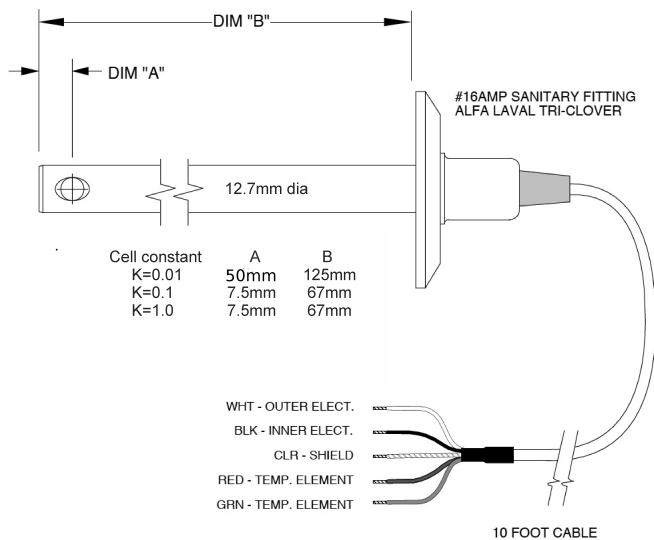
Max operating temp.	120 degrees C
Maximum pressure	7bar
Cable	5m, 4 core
Temperature sensor	Pt100 RTD
Wetted materials	316L S-steel, Teflon, EPR

Dimensions

Stem Length	67mm(K=0.1 and 1.0) 125mm (K=0.01)
Stem Diameter	12.7mm
Triclover fitting diameter	1.5"
Side hole centre	7.5mm from tip (K=1.0 and 0.1) 50mm from tip (K=0.01)

Cable colour code

Inner electrode	Black
Outer electrode	White
Temperature sensor +	Red
Temperature sensor -	Green
Shield	Clear



CONDCS51T-1.5-0

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