

C100 - Conductivity sensor

PP Body Conductivity Sensor with SS Electrodes with Temperature Sensor (Pt100) included.

FLS conductivity sensors with stainless steel electrodes (C100 series) are designed for agriculture application and for light industrial application obviously where sample conditions allow a steel using (water treatment, foods industry and others). This type of sensors are characterized by a considerable ratio performance/price. The combination of temperature sensor with the ATC (Automatic Temperature Compensation) function of the monitor/transmitter allows to get a precise measurement. Moreover a wide number of cell constants grants to choose the best item for specific application. C300 serie has been designed for ultrapure water monitoring (certified cell constant 0,01) and for waste water application (cell constant 10). C300 sensors are completely made in SS ensuring suitability for a wide range of applications.

APPLICATIONS:

- Agriculture and fertilizing system
- Water treatment
- Foods industry
- Aquaculture
- Ultrapure water application: production and use

MAIN FEATURES:

- Stainless steel measuring surfaces
- Considerable ratio performance/price
- Temperature sensor included
- Wide range of cell constant
- Rugged sensor body in PP (C100)
- Sensor in SS completely (C300)
- C300.001TCCK with certified cell constant



Reference	Description	Flow Rate Range	Cell Constant	Connection	Installation	Weight (gr.)
C100.01TC	Pt100 included	0.1 μS/cm to 2000 μS/cm (10 MΩ*cm to 500 Ω *cm)	0,1	4 poles connector	3/4" male BSP (parallel threaded)	350

All information subject to change.

Please contact us on <https://www.aliaxis.co.uk/get-in-touch> for further informations

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Reference	Description	Flow Rate Range	Cell Constant	Connection	Installation	Weight (gr.)
C100.02TC	Pt100 included	0.2 $\mu\text{S}/\text{cm}$ to 4000 $\mu\text{S}/\text{cm}$	0,2	4 poles connector	$\frac{3}{4}$ " male BSP (parallel threaded)	350
C100.1TC	Pt100 included	1 $\mu\text{S}/\text{cm}$ to 20000 $\mu\text{S}/\text{cm}$	1	4 poles connector	$\frac{3}{4}$ " male BSP (parallel threaded)	350