

操作手册

# SI 301 - SI 3013

## 电导率探头

SI 301 电极常数: K=1  
探头体材料: PVC

SI 3013 电极常数: K=1  
探头体材料: 聚丙烯



SI 301



SI 3013

Cod. 28011301 - Rev. C - 01/19



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## 1 技术规格

### SI 301

安装形式：	在线插入式
电极：	2 电极形式，SS316 不锈钢电极
电极常数：	K=1
温度：	小于 60 °C
压力：	20 °C 时不大于 5 BAR
长度：	97 mm
直径：	34 mm
电极体：	PVC
安装螺纹：	1" BSP

### SI 3013

安装形式：	在线插入式
电极：	2 电极形式，SS316 不锈钢电极
电极常数：	K=1
温度：	小于 100 °C
压力：	20 °C 时不大于 5 BAR
长度：	97 mm
直径：	34 mm
电极体：	聚丙烯
安装螺纹：	1" BSP

## 2 安装

正确地安装电导率探头，才能使电导率测量系统准确而有效地运行。

安装必须符合以下要求：

- 探头检测的样品必须代表整个溶液；
- 被测样必须连续持续流过电极；
- 探头中的流速不得过高，以免造成空洞；
- 探头的安装位置和方向要避免在电极区域附近聚集气泡；
- 电极区域内要避免沉积物的堆积；
- 用于沉入式安装时，必须不断地搅拌水。

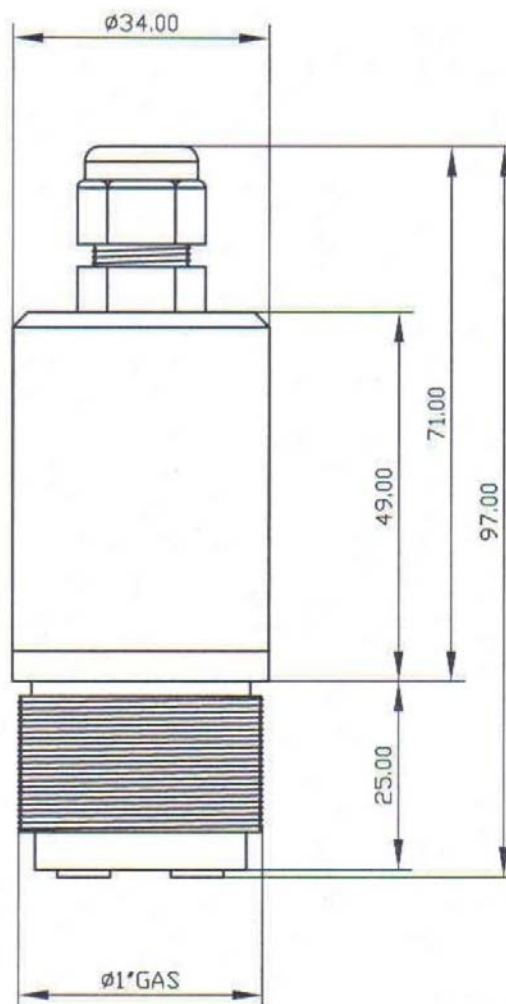
确保电极的信号电缆远离供电电缆。  
电缆不得有接头。

如果必须要有接头，则必须使用高绝缘端子排延长信号电缆。

## 3 保养

电极表面的状态对电导率测量系统的正常运行至关重要，当使用碱性液体、含水的油和油脂以及生物应用时，更应频繁地检查电极表面的状态。

外形尺寸  
(单位：mm)



SI301-SI3013 rev.A - A4 - 1:1

图.1

## 质保证书

- 1) Your product is covered by B&C Electronics Warranty for 5 years (sensing element excluded) from the date of shipment.  
In order for this Warranty to be valid, the Manufacturer must determine that the instrument failed due to defective materials or workmanship.
  - 2) The Warranty is void if the product has been subject to misuse and abuse, or if the damage is caused by a faulty installation or maintenance.
  - 3) The Warranty includes the repair of the instrument at no charge. All repairs will be completed at the Manufacturer' s facilities in Carnate, Italy.
  - 4) B&C Electronics assumes no liability for consequential damages of any kind, and the buyer by accepting this equipment will assume all liability for the consequences of its use by theCustomer, his employees, or others.
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## 维修

- 1) In order to efficiently solve your problem, we suggest You to ship the instrument along with the Technical Support' s Data Sheet (following page) and a Repair Order.
- 2) The estimate, if requested by the Customer, is free of charge when it is followed by the Customer confirmation for repair. As opposite, if the Customer shall not decide to have the instrument repaired, he will be charged to cover labor and other expenses needed.
- 3) All instruments that need to be repaired must be shipped pre-paid to B&C Electronics. All other expenses that have not been previously discussed will be charged to Customer.
- 4) Our Sales Dept. will contact You to inform You about the estimate or to offer you an alternative, in particular when:
  - the repairing cost is too high compared to the cost of a new instrument,
  - the repairing results being technically impossible or unreliable
- 5) In order to quickly return the repaired instrument, unless differently required by the Customer, the shipment will be freight collect and through the Customer' s usual forwarder.

*B&C Electronics Srl - Via per Villanova 3 - 20866 Carnate (MB) - P.IVA 00729030965*  
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# TECHNICAL SUPPORT

## *Data sheet*

In case of damage, we suggest You to contact our Technical Support by email or phone. If it is necessary for the instrument to be repaired, we recommend to photocopy and fill out this data sheet to be sent along with the instrument, so to help us identifying the problem and therefore accelerate the repairing process.

*ESTIMATE*

*REPAIR*

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COMPANY NAME

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ADDRESS

ZIP

CITY

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REFER TO MR./MISS.

PHONE

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MODEL

S/N

DATE

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Please check the operator’s manual to better identify the area where the problem seems to be and please provide a brief description of the damage:

SENSOR

ANALOG OUTPUT

POWER SUPPLY

SET POINT

CALIBRATION

RELAY CONTACTS

DISPLAY

PERIODICAL MALFUNCTIONING

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### *DESCRIPTION*

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