

Sensor Label Information for Sensoric Sensors

The serial number of an individual sensor cell contains up to 10 digits. The leading zeros are not printed out.

The serial number is encoded in the 2 dimensional data matrix code (ECC 200) on our individual sensor labels. The code contains the 10 digit number including leading zeros (e.g. 0012345678).

This use of a 2D data matrix code can significantly help you to easily integrate the *individual* serial numbers of our sensor cells into your internal sensor cell management system by using an appropriate 2D scanner.

Sample Label:

	Sensor cell	4-20 mA transmitter plastic container
Description of sensor	NH3 3E 100 SE	NH3 3E 100 SE
Part Number	PN: 1845-931-30049	PN: 1845-931-30659
Serial number	SN: 12345678-014	SN: 12345678-014-0
Sensitivity (nA/ppm)	Sens.: 130 nA/ppm	4..20 mA
		

The serial number listed on the label is divided into two (or three) independent numbers, separated by "-":

1. The first digits describe the *individual Serial Number* of the cell (like 12345678).
2. The second part reflects the *date of delivery* (like 014).

As of 1.1.2014, to harmonize City date code definitions, the 3 digits of the *date code* reflect the month (first 2 digits) and the year of shipment (last digit) (-014 = month 01 = Jan of 2014)

3. In case the label cannot be read through the container walls, **i.e. in case of the Sensoric 4-20 mA transmitter**, an additional label is printed out for the container. To distinguish the container label from the sensor label, the container label serial number has a **"-0"** suffix after the date code.

If you have further questions or if you need information on appropriate 2D scanners please feel free to contact us at sales_europe@citytech.com.