

## SemeaTech Smart Modules and Order Procedures

SemeaTech has smart modules to pair with its sensors for UART and I2C output. The smart module has a few parts that are different for each raw sensor. So, they are not interchangeable unless the raw sensors are the same model.

This document explains the numbering rules for the part number (PN) for these smart modules and familiarizes users with the order procedures for selecting these smart modules based on different raw sensors. You can visit our website for detailed PNs of the sensors when you need to make an order. However, if you want to order sensors paired with smart modules, here are the procedures for getting the right PNs for the order:

- Configuration of PN for Sensor Smart Modules

PN for raw sensors	Models of Smart Modules		PN for Smart Modules
XXX-XXXX-XXX	4-Series sensor module (4ECM-Smart Module)	Without metal enclosure	AXX-XXXX-XXX
		With metal enclosure	CXX-XXXX-XXX
	7-Series sensor module (7 SMART Module)	Without metal enclosure	BXX-XXXX-XX1
		With metal enclosure	BXX-XXXX-XXX
	4-Electrode sensor module (7E4 SMART Module)	Without metal enclosure	EXX-XXXX-XX1
		With metal enclosure	EXX-XXXX-XXX

Example 1:

If you need 4-Series CO sensor with PN 051-1100-000, the sensor module PN without metal enclosure is **A51-1100-000** (change the prefix from 0 to A) and the sensor module PN with metal enclosure is **C51-1100-000** (change the prefix from 0 to C).

Example 2:

If you need 7-Series CO sensor with PN 051-1400-000, the sensor module PN without metal enclosure is **B51-1400-001** (change the prefix from 0 to B, the last number from 0 to 1) and the sensor module PN with metal enclosure is **B51-1400-000** (change the prefix from 0 to B).

Example 3:

If you need 7E4-CO sensor with PN 051-1900-200, the sensor module PN without metal enclosure is **E51-1900-201** (change the prefix from 0 to E, the last number from 0 to 1) and the sensor module PN with metal enclosure is **E51-1900-200** (change the prefix from 0 to E).