

G1316 TCC New RFID Tag Configuration

When the correct G1316C TCC firmware (A.06.18, A.06.33, A.06.55 or later) is installed, the Agilent Lab Advisor B.02.07 or later shows under “Instrument Control”

- “Valve Position” - the detected (OLD) or set valve (NEW) valve is displayed.
- “Set Valve Type” – to select the valve type of the NEW RFID tag valve

Note: The examples are using firmware A.06.55. Same would be with A.06.18 and A.06.33.

Situation 1: Module Firmware A.06.55 and OLD type RFID Tag

- OLD RFID Tag is detected with part number and serial number (if tag is correctly written).
- No additional actions required.

The screenshot displays the instrument control interface for a G1316C TCC module. At the top, the module information is shown: G1316C, 1290 TCC, Serial # DE93001233, and Firmware A.06.55 [004]. A status table indicates Temperature [°C] at 23.00, Temperature Right [°C] at 23.09, Front Door is open, and Left Column ID as 'No column id in left heat'. A yellow indicator shows 'Thermo off'. Below this, the 'Controls' section is expanded to show 'Control' options. The 'Valve Position' dropdown is set to '2', with a green arrow pointing to it and a text box stating 'The part number and serial number is displayed!'. The 'Set Valve Type' dropdown is open, showing a list of valve types, with a red arrow pointing to it and a text box stating 'Not required!'. Other controls include 'Thermostat' (Off), 'Method Parameters' (Set Temperature Off, Set Right Temperature Off), 'Advanced Method Parameters', 'Special Commands' (Clear Error, Thermostat/Oven Reset, Forced Cold Start), 'Module Information' (Identify Module, Firmware Version), and 'Automated Pressure Limitation' (On, Off).

G1316C	1290 TCC	Temperature [°C]	23.00
Serial #	DE93001233	Temperature Right [°C]	23.09
Firmware:	A.06.55 [004]	Front Door	Door is open
		Left Column ID	No column id in left heat

▼ Controls

Control

Valve Position: 2 (Set) PN: 5067-4142 SN: 0031030118

Thermostat: On Off

Method Parameters

Set Temperature: Off (Send) Set Right Temperature: Off (Send)

Set right temperature as left: On Off

Advanced Method Parameters

Special Commands

Clear Error Thermostat/Oven Reset Forced Cold Start

Module Information

Identify Module Firmware Version

Automated Pressure Limitation

On Off

Set Valve Type

Valve Types: 5067-4117, 2PS/6PT 1200bar

Conversions

- 5067-4118, 2PS/10PT 1200bar
- 5067-4121, 8PS/9PT 1200bar Selector
- 5067-4142, 6 Col Selector 1200bar
- 5067-4214, 2ps/4pt-4pt Valve Head, 1200 bar, FS
- 5067-4233, 8 column selector, 1300 bar
- 5067-4239, 8ps/9pt, PD, SEL, 1300bar
- 5067-4240, 2ps/10pt, PD, COL, 1300bar
- 5067-4241, 2PS/6PT 1300bar
- 5067-4244, 2ps/4pt-4pt, 2D-LC, 1300 bar
- 5067-4243, 6/14, PD, Col, 1300bar

Situation 2: Module Firmware A.06.55 and NEW type RFID Tag

- NEW RFID Tag is not detected due to old hardware/electronic platform.
- Set Valve Type according to the label on the valve.
- Re-boot the TCC.
- NEW RFID Tag is shown (w/o serial number information).

G1316C	1290 TCC	Temperature [°C]	23.30
Serial #	DE93001233	Temperature Right [°C]	23.73
Firmware:	A.06.55 [004]	Front Door	Door is open
		Left Column ID	No column id in left heat more

Thermo off

Controls

Control

Valve Position
No valve available

Thermostat: On Off

Method Parameters

Set Temperature Off Set Right Temperature Off

Set right temperature as left: On Off

Advanced Method Parameters

Special Commands

Module Information

Automated Pressure Limitation

Set Valve Type

Valve Types:

Conversions

- 5067-4117, 2PS/6PT, 1200bar
- 5067-4118, 2PS/10PT, 1200bar
- 5067-4121, 8PS/9PT, 1200bar Selector
- 5067-4142, 6 Col Selector, 1200bar
- 5067-4214, 2ps/4pt-4pt Valve Head, 1200 bar, FS
- 5067-4233, 8 column selector, 1300 bar
- 5067-4239, 8ps/3pt, PD, SEL, 1300bar
- 5067-4240, 2ps/10pt, PD, COL, 1300bar
- 5067-4241, 2PS/6PT, 1300bar
- 5067-4244, 2ps/4pt-4pt, 2D-LC, 1300 bar
- 5067-4243, 6/14, PD, Col, 1300bar

The valve type is not displayed yet!

Select valve type and click on SEND.

After re-boot the G1316C TCC shows.

Controls

Control

Valve Position

2 PN: 5067-4233
SN:

Thermostat: On Off

Method Parameters

Set Temperature Off Set Right Temperature Off

Set right temperature as left: On Off

Advanced Method Parameters

Special Commands

Module Information

Automated Pressure Limitation

Set Valve Type

Valve Types: 5067-4233, 8 colu

Conversions

5067-4233, 8 column selector, 1300 bar

The serial number is not displayed!

There is no direct match to the above PN!