

Compatibility information for 0014625 & 0014725 GE Datex-Ohmeda Sensors

GE Datex-Ohmeda comprises of 3 different technologies, which have been inherited through company mergers in the past.

Ohmeda traditionally utilised the 9-pin Hypertronics connector, identified by being a slim, barrel-style connector with one side slightly flattened off.

Datex traditionally utilised the 10-pin Nicolet connector, which is larger than the Ohmeda Hypertronics connector, and is identified by being a chunky, round connector with a raised key-way in the 11 o'clock to 1 o'clock position.

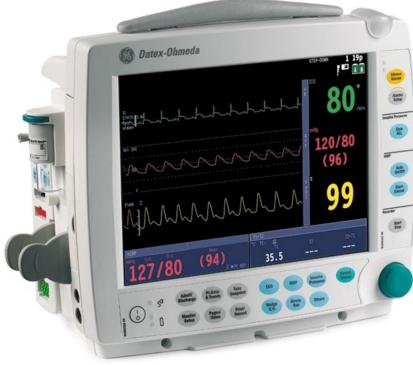
GE now utilise the FM Port connector, which is a blue, rectangular 11-pin connector with small raised key-ways at the bottom left and top right on the inside surface of the connector. It should be noted that other key-way variants of this connector also exist; further information is required as to which instruments use that alternative version.

GE Datex-Ohmeda Ohmeda style (H Port)	GE Datex-Ohmeda Datex style (N Port)	GE Datex-Ohmeda GE style (FM Port)
Hypertronics 9-pin 	Nicolet 10-pin 	GE Connector 11-pin 

The Viamed 0014625 and 014725 utilise the FM Port connector but are not electronically compatible with all of the GE instruments that they can physically connect to. This is due to GE employing a dual LED set to work with instruments that use Ohmeda technology and also those that use Datex technology, essentially a '1-size fits all' approach, whereas the Viamed sensors employ a single LED set.

One cannot assume that because our sensors have the same connector, they will work. We need to verify the information. The following tables list many of the GE instruments; it will be updated when new information is received.

Patient monitors and modules believed to be compatible.		
Manufacturer / branding	Model	Notes
GE Datex-Ohmeda	<p>The following modules:</p> <ul style="list-style-type: none">• E-PRESTN• E-RESTM• E-PRETN• E-PSM• E-PSMP• E-PSMW• E-PSMPW  <p>E-PRESTN</p> <p>E-PSM</p> <p>These are installed on various items of modular equipment, such as:</p> <ul style="list-style-type: none">• S/5 Avance• AS/3• CS/3• AS/5• FM Monitor <p>However, some of the above may also use modules incorporating the N port connector, so it is important to verify the module being used, or at least verify that the instrument uses the FM port connector.</p>	<p>FM Port. 0014625 and 014725 are compatible.</p>

GE	<p>FM Monitor (aka F-FM-00, F-FML-00)</p> <p>Utilizes the E-PSM module</p>  A photograph of a GE Datex-Ohmeda FM Monitor. It is a compact, portable monitor with a color touchscreen display showing multiple vital signs: ECG, blood pressure (120/80 mmHg), oxygen saturation (96%), and respiratory rate (12 breaths/min). The monitor has a built-in ventilator circuit on the left side and a control panel with various buttons and knobs below the screen.	<p>FM Port. 0014625 and 014725 are compatible</p>
GE Datex-Ohmeda	<p>Compact Anaesthesia Monitor (aka F-CM1)</p>  A photograph of a GE Datex-Ohmeda Compact Anaesthesia Monitor. It is a larger, more advanced monitor with a color touchscreen display showing multiple vital signs: ECG, blood pressure (121/81 mmHg), oxygen saturation (98%), and respiratory rate (12 breaths/min). It has a built-in ventilator circuit and a more complex control panel with many buttons and knobs.	<p>FM Port. Utilizes the E-PRESTN module, making it compatible.</p>
GE Datex-Ohmeda	<p>Compact Critical Care Monitor (aka F-CMC1)</p>  A photograph of a GE Datex-Ohmeda Compact Critical Care Monitor. It is similar in design to the Compact Anaesthesia Monitor, featuring a color touchscreen display with multiple vital signs (ECG, blood pressure, oxygen saturation, respiratory rate) and a built-in ventilator circuit.	<p>FM Port. Utilizes the E-PRESTN module, making it compatible.</p>

Patient Monitors where compatibility is yet to be confirmed		
Manufacturer / branding	Model	Notes
GE	CARESCAPE Transport Pro	FM Port but compatibility not confirmed.  A white and blue portable patient monitor with a handle and a small screen displaying ECG and vital signs data.
GE	CARESCAPE patient data module	FM Port but compatibility not confirmed.  A compact, rectangular medical device with a blue and white design, featuring multiple ports and a small display screen.
GE Dinamap	CARESCAPE V100	FM Port but compatibility not confirmed.  A blue and white handheld patient monitor with a digital display showing vital signs (120/80 mmHg, 60 bpm, 100% SpO2, 37.2°C) and a small keypad.

GE	Critical Care Monitor	 A GE Critical Care Monitor, a high-end ventilator with a large color touchscreen display. The screen shows multiple ECG leads, arterial blood pressure (107/47 mmHg), and other vital signs. The device is mounted on a mobile cart with various ports and connectors.	FM Port but compatibility not confirmed. Strongly suspect that this may utilize the E-PRESTN module, making it compatible.
GE	Anaesthesia Monitor	 A GE Anaesthesia Monitor, a specialized ventilator with a color touchscreen display. The screen shows ECG, arterial blood pressure (130/90 mmHg), and oxygen saturation (96%). The device is mounted on a mobile cart with various ports and connectors.	FM Port but compatibility not confirmed. Strongly suspect that this may utilize the E-PRESTN module, making it compatible.
GE Marquette	Eagle Series One (Same as Eagle 4000)		See Eagle 4000 below.
GE Marquette	Eagle 4000	 A GE Eagle 4000 monitor, a smaller ventilator with a color touchscreen display. It shows ECG and oxygen saturation (99%). The monitor is connected to a ventilator circuit and a pulse oximeter probe.	Uses Nellcor Oximax, Masimo or GE. GE variant is FM Port but compatibility not confirmed.

GE	Dash 2500	 A portable GE Dash 2500 patient monitor. It features a color touchscreen display showing multiple vital signs: heart rate (120 bpm), blood pressure (100/80 mmHg), oxygen saturation (SpO2 80%), respiratory rate (16 breaths/min), and temperature (37.1°C). The monitor has a built-in handle and a small keypad below the screen.	Uses Nellcor Oximax, Masimo or GE. GE variant is FM Port but compatibility not confirmed.
GE	Dash 3000	 A portable GE Dash 3000 patient monitor. It features a color touchscreen display showing multiple vital signs: heart rate (71 bpm), blood pressure (110/69 mmHg), oxygen saturation (SpO2 98%), respiratory rate (15 breaths/min), and temperature (38°C). The monitor has a built-in handle and a small keypad below the screen.	Uses Nellcor Oximax, Masimo or GE. GE variant is FM Port but compatibility not confirmed.
GE	Dash 4000	 A portable GE Dash 4000 patient monitor. It features a color touchscreen display showing multiple vital signs: heart rate (71 bpm), blood pressure (110/69 mmHg), oxygen saturation (SpO2 98%), respiratory rate (15 breaths/min), and temperature (38°C). The monitor has a built-in handle and a small keypad below the screen.	Uses Nellcor Oximax, Masimo or GE. GE variant is FM Port but compatibility not confirmed.
GE	Dash 5000	 A portable GE Dash 5000 patient monitor. It features a color touchscreen display showing multiple vital signs: heart rate (69 bpm), blood pressure (137/74 mmHg), oxygen saturation (SpO2 98%), respiratory rate (16 breaths/min), and temperature (38°C). The monitor has a built-in handle and a small keypad below the screen.	Uses Nellcor Oximax, Masimo or GE. GE variant is FM Port but compatibility not confirmed.

Patient Monitors confirmed to be NOT compatible		
Manufacturer / branding	Model	Notes
	<p>The following modules:</p> <ul style="list-style-type: none"> • M-NESTPR • M-NETPR • M-NESTR • M-ESTPR • M-ETPR • M-ESTR  <p>M-NESTPR Modules can be used on Aestiva anaesthetic machine.</p>	Uses Nicolet connector. Can use Datex style: 0014606 0014706
GE Datex-Ohmeda Or GE Datex-Engstrom	<p>AS/3 (unless using E-PRESTN module)</p>  <p>There may be models that use the E-PRESTN module – unconfirmed.</p>	Uses Nicolet connector. Can use Datex style: 0014606 0014706
GE	Solar 8000	<p>Uses Nellcor Oximax, Masimo or GE.</p> <p>GE variant is FM Port but not compatible.</p> 

Datex-Ohmeda	PREST N-00? To be verified.	Uses Nicolet connector. Can use Datex style: 0014606 0014706
GE Datex-Ohmeda	Cardiocap 5 Anaesthesia Monitor 	Uses Nicolet connector. Can use Datex style: 0014606 0014706
GE Datex-Ohmeda	Cardiocap 5 Critical Care Monitor 	Uses Nicolet connector. Can use Datex style: 0014606 0014706
GE Datex-Ohmeda	S/5 Light 	Uses Nicolet connector. Can use Datex style: 0014606 0014706

Footnote re. Modules - GE patient monitoring modules are plug-in modules that utilise the following coding:

- P – Invasive Blood Pressure
- R - Respiration
- E - ECG
- S - SpO₂
- T - Temperature
- N – Non-Invasive Blood Pressure

We only need concern ourselves with modules with 'S' in their designation.