

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.

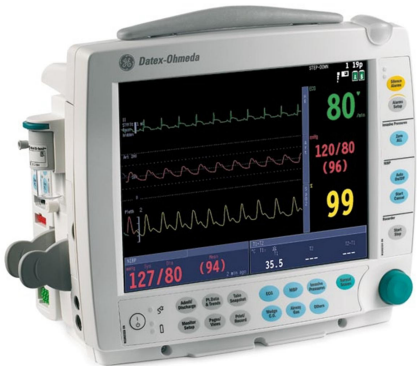


GE now utilise the FM Port connector, which is a blue, rectangular 11-pin connector with small raised key-ways at the bottom left and top right on the inside surface of the connector. It should be noted that other key-way variants of this connector also exist; further information is required as to which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



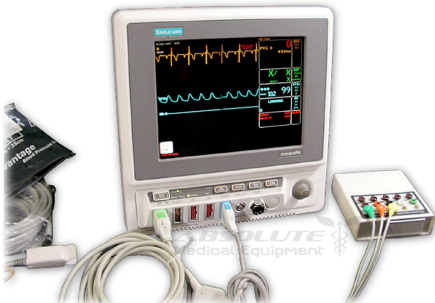
The Viamed 0014625 and 014725 utilise the FM Port connector but are not electronically compatible with all of the GE instruments that they can physically connect to. This is due to GE employing a dual LED set to work with instruments that use Ohmeda technology and also those that use Datex technology, 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-RESTN • E-PRETN • E-PSM • E-PSMP • E-PSMW • E-PSMPW <div data-bbox="609 588 933 976" data-label="Image"> A white rectangular module with four blue buttons at the top labeled 'Auto On/Off', 'Start Cancel', 'Zero P1', and 'Zero P2'. Below the buttons are three vertical ports: a blue one labeled 'SpO2', an orange one labeled 'T1-T2', and a red one labeled 'P1-P2'. At the bottom left is a black NIBP port, and at the bottom right is a green ECG port. The label 'E-PRESTN' is at the bottom. </div> <div data-bbox="730 997 812 1018" data-label="Caption"> <p>E-PRESTN</p> </div> <div data-bbox="706 1018 836 1228" data-label="Image"> A smaller white rectangular module with four blue buttons at the top. Below the buttons are three vertical ports: a black one, an orange one, and a blue one. At the bottom is a green ECG port. The label 'E-PSM' is at the bottom. </div> <div data-bbox="738 1249 812 1270" data-label="Caption"> <p>E-PSM</p> </div> <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>	<p>FM Port. 0014625 and 014725 are compatible</p>
GE Datex-Ohmeda	<p>Compact Anaesthesia Monitor (aka F-CM1)</p> 	<p>FM Port. Utilizes the E-PRESTN module, making it compatible.</p>
GE Datex-Ohmeda	<p>Compact Critical Care Monitor (aka F-CMC1)</p> 	<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.
GE	CARESCAPE patient data module 	FM Port but compatibility not confirmed.
GE Dinamap	CARESCAPE V100 	FM Port but compatibility not confirmed.

GE	<p>Critical Care Monitor</p>  <p>A GE Critical Care Monitor with a large screen displaying multiple vital signs and waveforms. The screen shows heart rate (66), blood pressure (107/47), and other parameters. The device has a white base and a swivel arm.</p>	<p>FM Port but compatibility not confirmed.</p> <p>Strongly suspect that this may utilize the E-PRESTN module, making it compatible.</p>
GE	<p>Anaesthesia Monitor</p>  <p>A GE Anaesthesia Monitor with a large screen displaying multiple vital signs and waveforms. The screen shows heart rate (80), blood pressure (139/90), and other parameters. The device has a white base and a swivel arm.</p>	<p>FM Port but compatibility not confirmed.</p> <p>Strongly suspect that this may utilize the E-PRESTN module, making it compatible.</p>
GE Marquette	<p>Eagle Series One (Same as Eagle 4000)</p>	<p>See Eagle 4000 below.</p>
GE Marquette	<p>Eagle 4000</p>  <p>A GE Eagle 4000 Monitor with a large screen displaying multiple vital signs and waveforms. The screen shows heart rate (99), blood pressure (136/93), and other parameters. The device has a white base and a swivel arm. A watermark 'ABSOLUTE Medical Equipment' is visible over the image.</p>	<p>Uses Nellcor Oximax, Masimo or GE.</p> <p>GE variant is FM Port but compatibility not confirmed.</p>

GE	Dash 2500	<p>Uses Nellcor Oximax, Masimo or GE.</p> <p>GE variant is FM Port but compatibility not confirmed.</p>
GE	Dash 3000	<p>Uses Nellcor Oximax, Masimo or GE.</p> <p>GE variant is FM Port but compatibility not confirmed.</p>
GE	Dash 4000	<p>Uses Nellcor Oximax, Masimo or GE.</p> <p>GE variant is FM Port but compatibility not confirmed.</p>
GE	Dash 5000	<p>Uses Nellcor Oximax, Masimo or GE.</p> <p>GE variant is FM Port but compatibility not confirmed.</p>

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</p> <p>Modules can be used on Aestiva anaesthetic machine.</p>	<p>Uses Nicolet connector. Can use Datex style: 0014606 0014706</p>
<p>GE Datex-Ohmeda</p> <p>Or</p> <p>GE Datex-Engstrom</p>	<p>AS/3 (unless using E-PRESTN module)</p>  <p>There may be models that use the E-PRESTN module – unconfirmed.</p>	<p>Uses Nicolet connector. Can use Datex style: 0014606 0014706</p>
GE	<p>Solar 8000</p> 	<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	CardiCap 5 Anaesthesia Monitor 	Uses Nicolet connector. Can use Datex style: 0014606 0014706
GE Datex-Ohmeda	CardiCap 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.