



# IECEx Test Report Summary

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

ExTR Ref. No.:	<b>US/UL/ExTR22.0008/00</b>	Page 1 of 2
ExTR Free Ref. No.:	<b>4790159107.1.1</b>	Status: <b>Issued</b>
List of Standards Covered:	<b>IEC 60079-0:2017 Edition:7.0 , IEC 60079-7:2017 Edition:5.1</b>	Date of issue: <b>2022-11-09</b>
Issuing ExTL:	<b>UL - UL LLC</b>	
Endorsing ExCB:	<b>UL - UL LLC</b>	
Manufacturer:	<b>Beijer Electronics AB</b> Stora Varvsgatan 13a Malmö 211 24	
Location of Manufacturer:	<b>Sweden</b>	
Ex Protection:	<b>Ex ec IIC T4 Gc</b>	



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Ratings:

**MD9\*\*\***

Dual Modbus TCP/UDP Network Adapter

Supply Rating: 24Vdc, 300mA

M-Bus (Backplane) Output: 5Vdc, 1A

**M9\*\*\***

Single Modbus TCP/UDP Network Adapter

Supply Rating: 24Vdc, 300mA

M-Bus (Backplane) Output: 5Vdc, 1A

**M7&\*\***

Power Supply

Supply Rating: 24Vdc, 20mA

M-Bus (Backplane) Output: 5Vdc, 2A

**M1#\*\***

16 Channels Digital Input

Backplane: 5Vdc, 50mA maximum

Input: 24Vdc, 3.05mA maximum per channel.

**M2@\*\***

16 Channels Sink Output

Backplane: 5Vdc, 50mA maximum

Output: 24Vdc, 0.3A maximum per channel/4.8A maximum per unit

**M3\*\*\***

16 Channels Analog Input

Backplane: 5Vdc, 210mA maximum

Input: 0-10Vdc, 0-5Vdc, 1-5Vdc

**M4\*\*\***

8 Channels Analog Output

Backplane: 5Vdc, 40mA maximum

Output: 0-10Vdc

**M5\*\*\***

2 Channels High Speed Counter/Encoder

Backplane: 5Vdc, 120mA maximum

Input: 24Vdc, 3.0mA per channel

**Note:**

“\*\*\*” may be any alphanumerical code

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“#” may be any numerical number except for 8 and 9

“@” may be any numerical number except for 7 and 8

“&” may be any numerical number except for 2

These suffix codes do not impact the construction of each model.

Equipment:

**Programmable Controllers**

Model Reference:

**FnIO-M Series**

Related IECEx Certificates:

Comments: