



EU-TYPE EXAMINATION CERTIFICATE

Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014

EU-Type Examination Certificate Number: CSANe 25ATEX1009X Issue: 0

Equipment: See schedule

Manufacturer: Emerson – Rosemount, Micro Motion Inc.

Address: 12001 Technology Drive
Eden Prairie, MN 55344, USA

This product and any acceptable variation thereto, is specified in the schedule to this certificate and the documents therein referred to.

CSA Group Netherlands B.V., Notified Body No. 2813 in accordance with Article 17 of the Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in item 16.2.

Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018	EN 60079-1:2014	EN IEC 60079-7:2015/A1:2018
EN 60079-11:2012	EN 60079-15:2010	EN 60079-31:2014

Where additional criteria beyond those given here have been used, they are listed in item 18 in the Schedule.

If the sign “X” is placed after the certificate number, it indicates that the product is subject to the “Specific Conditions of Use” listed in item 17 of this certificate.

This EU-Type Examination Certificate relates only to the technical design of the specified product in accordance with the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this product, these are not covered by this certificate.

The marking of the product shall include the following (additional marking is provided in the Schedule as a part of item 15, if applicable):

Model 9732



II 2(1)G
II 3(1)G
II 2D
Ex db eb [ia Ga] IIC T6...T3 Gb
Ex ec ic nC [ia Ga] IIC T5...T3 Gc
Ex tb IIIC T80°C...T155°C Db
 $-50\text{ °C} \leq T_a \leq +60\text{ °C}$

Model 9205



II 1G
II 2D
Ex ia IIC T6...T3 Ga
Ex tb IIIC T80°C...T155°C Db
 $-50\text{ °C} \leq T_a \leq +60\text{ °C}$

Signed: M Halliwell
Title: Senior Director of Operations
Date: 16 July 2026



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SCHEDULE

14 EU-Type Examination Certificate Number: CSANe 25ATEX1009X Issue: 0

15 Equipment

Model 9732 a b c d e f g h i j k k

where:

Code	Description	Allowed Values	Option
a	Revision Level	A	Revision Level A
b	Transmitter Mount	T	Integral Mount
c	Transmitter Housing Material	A	Aluminum
		P	316 Stainless Steel
d	Transmitter Power Supply	U	Universal Power Supply (18-100 VDC / 90-250VAC 50/60 Hz), self-switching
e	Display Option	N	No display, blind cover
		G	Backlit graphic display with Local Operator Interface (LOI)
		B	Backlit graphic display with LOI and Bluetooth ®
f	Output Hardware Board	A	Configurable Outputs
g	Transmitter output Channel A	A	4-20 mA HART ® FO, discrete input (DI), discrete output (DO) configurable
		Z	Channel Off
h	Transmitter output Channel B	A	4-20 mA FO, discrete input (DI), discrete output (DO) configurable
		Z	Channel Off
i	Transmitter output Channel C	A	RS-485 MODBUS ®
		Z	Channel Off
j	Conduit Entries	1	½-14 NPT
		2	M20
k k	Certification Code	N1	II 3(1) G Ex ec ic nC [ia Ga] IIC T5...T3 Gc II 2 D Ex tb IIIC T80°C...T155°C Db
		E1	II 2(1) G Ex db eb [ia Ga] IIC T6...T3 Gb II 2 D Ex tb IIIC T80°C ...T155°C Db
		ND	II 2 D Ex tb IIIC T80°C...T155°C Db

Model 9205 aaa b c d e f g h i i j k l m m n

where:

Code	Description	Allowed Values	Option
aaa	Line Size	005	½" (15mm)
		010	1" (25mm)
		015	1.5" (40mm)
		020	2" (50mm)
		030	3" (80mm)
		040	4" (100mm)
		060	6" (150mm)
		080	8" (200mm)
b	Revision Level	A	Revision Level A



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Code	Description	Allowed Values	Option
c	Lining Material	Any Single Alpha	Lining material does not impact certification
d	Electrode Material	Any Single Alpha	Electrode material does not impact certification
e	Electrode Type	Any Single Alpha	Electrode type does not impact certification
f	Flange Material	Any Single Alpha	Flange material does not impact certification (Flange is not part of enclosure)
g	Flange Type	Any Single Alpha	Flange type does not impact certification
h	Flange rating	Any single Alpha or digit	Flange rating does not impact certification
ii	Coil Housing Material	A0	Aluminum
		S0	300 Series Stainless Steel
		P0	316 Stainless Steel
j	Mounting Configuration	T	Integral (Does not include Transmitter)
k	Junction Box Material	Z	None – Integral Unit
l	Conduit Entries	Z	None – Integral Unit
mm	Certification Code	N1	II 1 G Ex ia IIC T6...T3 Ga II 2 D Ex tb IIIC T80°C...T155°C Db
		E1	II 1 G Ex ia IIC T6...T3 Ga II 2 D Ex tb IIIC T80°C...T155°C Db
		ND	II 2 D Ex tb IIIC T80°C...T155°C Db
n	Order Option	Z	Standard Product

Description

The Model 9732 Integral Electromagnetic Flow Meter (model code 9732 ATxxxxxxxx) is an industrial instrument designed for the measurement of volumetric flow rates of conductive media. The device comprises a Model 9732 transmitter assembly factory-integrated with a Model 9205 sensor assembly.

Transmitter Assembly

The transmitter assembly is directly mounted to the sensor and enclosed within either a die-cast aluminum or stainless steel housing, as defined by the model code. The enclosure may be provided with an integral display and user interface (windowed configuration) or as a non-display (“blind”) version. The type of protection is dependent upon the model configuration, permitting installation in either Zone 1 or Zone 2 hazardous locations:

- **Zone 1 Applications:**
The enclosure provides flameproof protection (Ex db) for both the electronics compartment, including the display where fitted, and the terminal compartment. The terminal compartment is additionally provided with increased safety protection (Ex eb), eliminating the requirement for conduit sealing devices at the enclosure entries. Cable/conduit entries are provided as M20 or ½” NPT threads, as specified by the model code.
- **Zone 2 Applications:**
Protection is achieved through a combination of increased safety, sealed components, and intrinsic safety concepts, without reliance on flameproof protection.



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- Dust Hazardous Locations (Zone 21):
Protection is provided by enclosure (Ex tb).

The transmitter assembly has been separately evaluated to ingress protection ratings IP66, IPX7, IPX8, and IPX9.

Mechanical Interface

The transmitter assembly is integrally connected to the Model 9205 sensor via a feedthrough connection that provides a flameproof transition between the transmitter electronics compartment and the sensor assembly. This interface allows rotational adjustment of the transmitter relative to the sensor to facilitate optimal viewing during installation. A mechanical clamp is provided to secure the transmitter in position after adjustment.

Sensor Assembly (Model 9205)

The Model 9205 sensor (model code 9205 yyyAyyyyyyTZZyy) consists of a process pipe through which the measured medium flows. The assembly incorporates excitation coils and measurement electrodes housed within either a welded stainless steel enclosure or an assembled aluminum clamshell housing, depending on the model configuration.

The sensor employs the following protection methods:

- Zone 0 Applications:
Intrinsic safety (Ex ia)
- Dust Hazardous Locations (Zone 21):
Protection by enclosure (Ex tb)

The sensor assembly has been separately evaluated to ingress protection ratings IP66, IPX7, IPX8, and IPX9.

16 Drawings and documents:

16.1 Technical documents:

Refer to Certificate Annex.

16.2 Associated reports and certificate history:

Issue	Date	Report number	Comment
0	16 July 2026	R80214377A	The release of the prime certificate.

17 Specific conditions of use (denoted by "X" after the certificate number):

- 17.1 If a charge-generating mechanism is present, the exposed painted metallic part on the enclosure is capable of storing a level of electrostatic charge that could become incensive for IIIC dust. Therefore, the user/installer shall implement precautions to prevent the build-up of electrostatic charge, e.g., earthing the metallic part. This is particularly important if the equipment is installed in a zone 0 location. Cleaning of the painted surface shall only be done with a damp cloth.
- 17.2 Painted enclosures are manufactured from aluminum, magnesium, titanium or zirconium which may be exposed on accessible surfaces of the equipment. In rare cases, ignition sources due to impact and friction sparks could occur. This shall be considered when installed in Zone 0 locations for group II level of protection Ga. The enclosure shall be protected from impact and friction in the final installation, as required.
- 17.3 The flameproof joints are not intended to be repaired.
- 17.4 Service Port (USB) is only intended for temporary use when a non-hazardous environment is present.
- 17.5 Label material on 9205 is nonconductive. Therefore, the user/installer shall implement precautions to prevent the build-up of electrostatic charge, e.g., Cleaning of the painted surface and label material shall only be done with a damp cloth.



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17.6 T-Code based on maximum 60 °C ambient:

Line Size	Maximum Process Temperature Aluminum Enclosure	Maximum Process Temperature Stainless Steel Enclosure	Temperature Code for EPL Gc/Db	Temperature Code for EPL Gb/Db	Transmitter Enclosure Orientation
0.5"	75 °C	75 °C	T5 / T95 °C	T6 / T80 °C	Any
	90 °C	90 °C	T5 / T95 °C	T5 / T95 °C	Any
	120 °C	120 °C	T4 / T130 °C	T4 / T130 °C	Any
	145 °C	145 °C	T3 / 155 °C	T3 / 155 °C	Any
1"	75 °C	75 °C	T5 / T95 °C	T6 / T80 °C	Any
	90 °C	90 °C	T5 / T95 °C	T5 / T95 °C	Any
	120 °C	120 °C	T4 / T130 °C	T4 / T130 °C	Any
	145 °C	145 °C	T3 / 155 °C	T3 / 155 °C	Any
1.5"	75 °C	75 °C	T5 / T95 °C	T6 / T80 °C	Any
	90 °C	90 °C	T5 / T95 °C	T5 / T95 °C	Any
	120 °C	120 °C	T4 / T130 °C	T4 / T130 °C	Any
	145 °C	145 °C	T3 / 155 °C	T3 / 155 °C	Any
2"	75 °C	75 °C	T5 / T95 °C	T6 / T80 °C	Any
	90 °C	90 °C	T5 / T95 °C	T5 / T95 °C	Any
	120 °C	120 °C	T4 / T130 °C	T4 / T130 °C	Any
	145 °C	145 °C	T3 / 155 °C	T3 / 155 °C	Any
3"	75 °C	75 °C	T5 / T95 °C	T6 / T80 °C	Any
	90 °C	90 °C	T5 / T95 °C	T5 / T95 °C	Any
	120 °C	120 °C	T4 / T130 °C	T4 / T130 °C	Any
	145 °C	145 °C	T3 / 155 °C	T3 / 155 °C	Any
4"	75 °C	75 °C	T5 / T95 °C	T6 / T80 °C	Any
	90 °C	90 °C	T5 / T95 °C	T5 / T95 °C	Any
	120 °C	120 °C	T4 / T130 °C	T4 / T130 °C	Any
	145 °C	145 °C	T3 / 155 °C	T3 / 155 °C	Any
6"	75 °C	75 °C	T5 / T95 °C	T6 / T80 °C	Any
	90 °C	90 °C	T5 / T95 °C	T5 / T95 °C	Any
	120 °C	120 °C	T4 / T130 °C	T4 / T130 °C	Any
	145 °C	145 °C	T3 / 155 °C	T3 / 155 °C	Any
8"	75 °C	75 °C	T5 / T95 °C	T6 / T80 °C	Any



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Line Size	Maximum Process Temperature Aluminum Enclosure	Maximum Process Temperature Stainless Steel Enclosure	Temperature Code for EPL Gc/Db	Temperature Code for EPL Gb/Db	Transmitter Enclosure Orientation
	90 °C	90 °C	T5 / T95 °C	T5 / T95 °C	Any
	120 °C	120 °C	T4 / T130 °C	T4 / T130 °C	Any
	145 °C	145 °C	T3 / 155 °C	T3 / 155 °C	Any

18 Essential health and safety requirements of Annex II (EHSRs):

The relevant EHSRs that are not addressed by the standards listed in item 9 of this certificate have been identified and conformity of the product demonstrated in the reports listed in item 16.2.

19 Remarks and additional information:

The use of this certificate is subject to the regulations applicable to holders of CSA Group Netherlands B.V. certificates.

Compliance of the product with the applicable safety requirements of the relevant industrial standards has not been verified and is not covered by this certificate.

19.1 Conditions of manufacture:

Protection Method Ex i

Model 9732

19.1.1 Transformer L301 on the 9732 board shall be 100% dielectric strength tested using 500 VAC for 60 seconds with a maximum leakage of 5 mA between the primary and secondary windings. 600 VAC for 1 second may also be substituted.

19.1.2 Transformer T2 on the 4W Power board shall be 100% dielectric strength tested using 1500 VAC for 60 seconds with a maximum leakage of 5 mA between the primary and secondary windings. 1800 VAC for 1 second may also be substituted.

Model 9205

19.1.3 The Sensor assembly shall be 100% dielectric strength tested using 500 VAC for 60 seconds with no breakdown.

Protection Method Ex e

Model 9732

19.1.4 The 9732 Transmitter shall be 100% dielectric strength tested using 1500 VAC for 60 seconds between the inputs and the chassis with no breakdown. Alternatively, 1800 VAC for 100 mS with no breakdown may also be used.

Model 9205

None



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Certificate Annexe

Document History

Issue – 0

Documents Introduced or Revised

Drawing	Sheets	Rev.	Date (Stamp)	Title
000MP-0128	1 to 2	AA	24 Jun 26	VARNISHED COIL ASSEMBLY
000MP-0129	1 to 4	AD	24 Jun 26	SENSOR WIRE HARNESS ASSEMBLY
000MP-0131	1 to 3	AD	24 Jun 26	7 WIRE CABLE ASSEMBLY
000MP-0132	1 to 10	AE	24 Jun 26	UPPER POLE RETURN PATH ASSEMBLY MP, ½"-8" LINE SIZE
000MP-0135	1 to 1	AC	24 Jun 26	SAFETY EARTH GROUND ASM, AL SENSOR
000MP-0500	1 to 6	AB	24 Jun 26	DRAWING, GLASSED HEADER ASSY, MAGASUS
000MP-0501	1 to 26	AC	24 Jun 26	COIL ENCLOSURE ALUMINUM
000MP-0502	1 to 8	AB	24 Jun 26	GASKET, ALUMINUM HOUSING
000MP-0512	1 to 1	AC	24 Jun 26	SST CENTER WRAPPER
000MP-0513	1 to 2	AE	24 Jun 26	SST SIDE WRAPPER
000MP-0514	1 to 1	AA	24 Jun 26	SST WRAPPER RING
000MP-0515	1 to 2	AB	24 Jun 26	ANTI-ROTATION WELD STUD
000MP-0516	1 to 2	AE	24 Jun 26	ANTI-ROTATION SLEEVE
000MP-0517	1 to 1	AA	24 Jun 26	SENSOR CONNECTOR SNAP-FIT, ELECTRODE CABLE
000MP-0518	1 to 1	AF	24 Jun 26	SPACER, COIL CLAMP
000MP-0520	1 to 3 (1)	AE	24 Jun 26	LABEL STOCK, MP SENSORS
000MP-0525	1 to 1	AB	24 Jun 26	LABEL , 832 CORE MODULE, MP SENSORS
000MP-0531	1 to 5	AA	24 Jun 26	POLE, LOWER
000MP-0532	1 to 12	AE	24 Jun 26	COIL CLAMP ½"-8"
000MP-0533	1 to 2	AD	24 Jun 26	COIL FORMER ½" & 1" MP SENSORS
000MP-0534	1 to 4	AC	24 Jun 26	COIL PADS
000MP-0536	1 to 1	AF	24 Jun 26	INDIVIDUAL COILS, MP ½"-8" LINE SIZE
000MP-0537	1 to 1	AD	24 Jun 26	DRIVE COLLAR
000MP-0538	1 to 7	AE	24 Jun 26	DRAWING, GUARD, COIL
000MP-0539	1 to 2	AC	24 Jun 26	COIL PANEL
000MP-0540	1 to 2	AC	24 Jun 26	CLIP, WIRE RETAINER
04732-0334	1 to C	AD	24 Jun 26	Drawing 4732 4-Wire Power Board, PCA
000MP-0546	1 to 1	AA	24 Jun 26	STANDOFF, HEX, M5 STAINLESS STEEL
000MP-0549	1 to 1	AA	24 Jun 26	M3 CAPTIVE SCREW, SST, 832
000MP-1020	1 to 2	AC	24 Jun 26	PIPE EXPANDED
000MP-L300	1 to 4	AC	26 Jun 26	MP SENSOR PRODUCT LABEL VARIBABLE FIELD MAPPING
04732-0209	1 to 2	AA	24 Jun 26	3 CONDUCTOR SHIELDED, FOIL WITH DRAIN, 26AWG
04732-0210	1 to 2	AB	24 Jun 26	HIGH TEMPERATURE LEAD WIRE, 24/26AWG, Intrinsically Safe (Ex i)
04732-0211	1 to 2	AC	24 Jun 26	Electrode Wire, 26 AWG, Coaxial, Intrinsically Safe (Ex i)
04732-0222	1 to 2	AE	24 Jun 26	ASSEMBLY DRAWING, INTEGRAL MOUNT TRANSMITTER TO SENSOR CONNECTOR (IMS)
04732-0320	1 to 10	AE	24 Jun 26	SCHEMATIC 4732 PROCESS TRANSMITTER
04732-0321	1 to 3	AD	24 Jun 26	4732 Endeavor Drive and Measurement Board
04732-0322	1 to 4	AF	24 Jun 26	4732 Endeavor Drive and Measurement Board Ass'y

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Drawing	Sheets	Rev.	Date (Stamp)	Title
04732-0330	1 to 5	AG	24 Jun 26	DRAWING, 4700 CONFIG IO WITH 4732 FIRMWARE, PCA
04732-0380	1 to 1	AF	24 Jun 26	TRANSFORMER I.S.
04732-0500	1 to 11	AL	24 Jun 26	TRANSMITTER, HOUSING 4732/CX2100
04732-0509	1 to 1	AA	24 Jun 26	SPRING CLIP 4732
04732-0510	1 to 2	AC	24 Jun 26	TRANSMITTER CONNECTOR I/M CABLE
04732-0548	1 to 1	AA	24 Jun 26	4732, MODULE SHELL
04732-0550	1 to 1	AC	24 Jun 26	BOARD DIVIDER, 4732
04732-L100	1 to 3	AA	24 Jun 26	DRAWING, 4732 TRANSMITTER PRODUCTION LABEL, BASE
04732-L300	1 to 3	AB	26 Jun 26	4732 PRODUCT LABEL VARIABLE FIELD MAPPING
04732-L400	1 to 1	AA	24 Jun 26	DRAWING, LABEL, TERMINAL COVER WIRING
08701-0077	1 to 1	AM	24 Jun 26	STUD, CD WELD
C53654	1 to 2	AD	24 Jun 26	Potting, Compound: Silicone Encapsulant
C55832	1 to 7	AI	24 Jun 26	Terminal Block and Connector, Multiple Pitch
E-0205860	1 to 5	SO	24 Jun 26	ENGINEERING SPECS – O-RING, VITON
E-0205960	1 to 10	BG	24 Jun 26	ENGINEERING SPECS – O-RING, BUNA N
E-10023200	1 to 1	CE	24 Jun 26	PIN RECEPTACLE
000MP-0530	1 to 10	AE	24 Jun 26	POLE, UPPER RETURN PATH, FLAT PATTERN
ER-20014870	1 to 3	AT	24 Jun 26	BLANK TAGS, 316L
FC0101	1 to 3	AC	24 Jun 26	SST, CAPTIVE PANEL SCREW, SOCKET HEAD METRIC
FC0102	1 to 3	AB	24 Jun 26	RING TERMINAL, #6 SCREW
FC0104	1 to 3	AA	24 Jun 26	POTTING COMPOUND, TOUGHGEL 3-4241
FC0108	1 to 3	AA	24 Jun 26	ROUNDED HEAD SCREWS, METRIC
FC0111	1 to 3	AB	24 Jun 26	2x8 Pinch Connector, 4732
FC0141	1 to 3	AC	24 Jun 26	SEALING SCREW, SST, METRIC
MMI-20029111	1 to 1	AC	24 Jun 26	CLAMP ASSY, COMPACT AL
MMI-20056067	1 to 1	AC	24 Jun 26	CLAMP ASSY, COMPACT, SS
MMI-20064924	1 to 1	AA	24 Jun 26	PIN RECEPTACLE, WITH TAIL
04732-0020	1 to 13	AA	24 Jun 26	MODEL 9732 WITH INTRINSICALLY SAFE MAGNETIC FLOWMETER (9205)
EB-20090175	1 to 15	AB	24 Jun 26	4000 SERIES MECHANICAL APPROVALS CONTROL DRAWING
00825-MA00-0015	1 to 24	AA	24 Jun 26	APPROVALS DOCUMENT – IECEX AND ATEX ROSEMOUNT 9732 AND 9205 MAGNETIC FLOWMETER PLATFORM
000MP-0020	1 to 9	AA	24 Jun 26	MAGNETIC FLOWMETER, INTRINSICALLY SAFE
09732-0060	1 to 12	AA	24 Jun 26	CONTROL AND INSTALLATION DRAWING ATEX/IECEX HAZARDOUS (Ex) LOCATIONS
04732-0501	1 to 9	AG	24 Jun 26	TRANSMITTER HOUSING 4732/CX2100 SST

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