

®	TM		
INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres for rules and details of the IECEx Scheme visit www.iecex.com			
Certificate No.:	IECEx FMG 18.0005X	Page 1 of 4	Certificate history:
Status:	Current	Issue No: 0	
Date of Issue:	2018-10-04		
Applicant:	Bühler Technologies GmbH Harkortstrasse 29 Ratingen, D-40880 Germany		
Equipment:	TC-6 Thermoelectric Cooler		
Optional accessor	Γ.		
Type of Protection	Increased Safety e, Enclosed Brea	k nC	
Marking:	IECEx FMG 18.0005X Ex ec nC IIC	T4 Gc	
	Та		
Approved for issue Certification Body:	on behalf of the IECEx	J. E. Marquedant	
Position:		VP, Manager - Electrical Systems	
Signature: (for printed version)		
Date: (for printed version)		
2. This certificate is r	d schedule may only be reproduced in full. ot transferable and remains the property of the is thenticity of this certificate may be verified by visi		
Certificate issu	ed by:		\sim
FM Approval 1151 Boston-F	s LLC Providence Turnpike	<	M Approvals

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1151 Boston-Providence Turnpike Norwood, MA 02062 United States of America



Certificate No.:	IECEx FMG 18.0005X	Page 2 of 4
Date of issue:	2018-10-04	Issue No: 0
Manufacturer:	Bühler Technologies GmbH Harkortstrasse 29 Ratingen, D-40880 Germany	
Manufacturing locations:		
This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the		

I his certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-15:2017 Edition:5.0	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
IEC 60079-7:2015 Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increased safety "e"

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

US/FMG/ExTR18.0005/00

Quality Assessment Report:



Certificate No.:

IECEx FMG 18.0005X

2018-10-04

Date of issue:

Page 3 of 4

Issue No: 0

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

TC-Standard (+) (X2)

4496 21 abcdefghijklmno

- a = Quanity of heat exchangers; 1 or 2
- b = Operating temperature; 40°C or 50°C
- c = application area

d = voltage; 3

e, f, g = Type of heat exchangers

h, i = Type and connection of peristaltic pumps

j, k = Type of humdity sensor and filter

l, m = Status output

n, o = Delta temperature; yes or no

TC-MIDI (+) (X2)

4496 31 abcdefghijklmno

a = Quanity of heat exchangers; 1 or 2

- b = Operating temperature; 40°C or 60°C
- c = Application area

d = Voltage; 2

- e, f, g = Type of heat exchangers
- h = Type peristaltic pumps

i = Type of gas pumps

j, k = Type of humidity sensor and filter

I, m = Status ouput

n, o = Delta temperature; yes or no

TC-Double (+) (X2)

4496 611 abcdefghijklmn

- a = Operating temperature; 40°C or 60°C; pre-cooling yes or no
- b = Application area
- c = Voltage; 2
- d, e, f = Type of heat exchangers
- g = Type of peristaltic pumps

h = Type of gas pumps



Certificate No.: IECEx FMG 18.0005X

Date of issue:

2018-10-04

Page 4 of 4

Issue No: 0

k, I = status output

m, n = blank

SPECIFIC CONDITIONS OF USE: YES as shown below:

When installed as Zone 2 equipment, the thermoelectric cooler must be mounted within a tool-secured IP54 enclosure.



®	ТМ		
	IEC Certification Sy	ECTROTECHNICAL COMMISSIO	Ν
Certificate No.:	IECEx FMG 18.0005X	Page 1 of 5	Certificate history:
Status:	Current	Issue No: 1	Issue 0 (2018-10-04)
Date of Issue:	2020-02-17		
Applicant:	Bühler Technologies GmbH Harkortstrasse 29 Ratingen, D-40880 Germany		
Equipment:	TC-6 Thermoelectric Cooler		
Optional accessory:			
Type of Protection:	Increased Safety e, Enclosed Break	(nC	
Marking:	IECEx FMG 18.0005X Ex ec nC IIC T4	4 Gc	
	Та		
Approved for issue or Certification Body:	n behalf of the IECEx	J. E. Marquedant	
Position:		VP, Manager - Electrical Systems	
Signature: (for printed version)			
Date: (for printed version)			
2. This certificate is not	schedule may only be reproduced in full. transferable and remains the property of the issuenticity of this certificate may be verified by visitir	suing body. ing www.iecex.com or use of this QR Code.	
Certificate issued	by:		
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Certificate No .: IECEx FMG 18.0005X Page 2 of 5 Date of issue: 2020-02-17 Issue No: 1 Manufacturer: **Bühler Technologies GmbH** Harkortstrasse 29 Ratingen, D-40880 Germany Manufacturing locations: This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended STANDARDS : The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-15:2017 Edition:5.0	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
IEC 60079-7:2015 Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increased safety "e"
	This Certificate does not indicate compliance with safety and performance requirement

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

US/FMG/ExTR18.0005/00

US/FMG/ExTR18.0005/01

Quality Assessment Report:



Certificate No.:

IECEx FMG 18.0005X

2020-02-17

Date of issue:

Page 3 of 5

Issue No: 1

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

TC-Standard (+) (X2)

4496 21 abcdefghijklmno

- a = Quanity of heat exchangers; 1 or 2
- b = Operating temperature; 40°C or 50°C
- c = application area

d = voltage; 3

e, f, g = Type of heat exchangers

h, i = Type and connection of peristaltic pumps

j, k = Type of humdity sensor and filter

I, m = Status output

n, o = Delta temperature; yes or no

TC-MIDI (+) (X2)

4496 31 abcdefghijklmno

a = Quanity of heat exchangers; 1 or 2

- b = Operating temperature; 40°C or 60°C
- c = Application area

d = Voltage; 2

- e, f, g = Type of heat exchangers
- h = Type peristaltic pumps

i = Type of gas pumps

j, k = Type of humidity sensor and filter

I, m = Status ouput

n, o = Delta temperature; yes or no

TC-Double (+) (X2)

4496 611 abcdefghijklmn

- a = Operating temperature; 40°C or 60°C; pre-cooling yes or no
- b = Application area
- c = Voltage; 2
- d, e, f = Type of heat exchangers
- g = Type of peristaltic pumps

h = Type of gas pumps



Certificate No.: IECEx FMG 18.0005X

Date of issue:

sue: 2020-02-17

Page 4 of 5

Issue No: 1

k, I = status output

m, n = blank

SPECIFIC CONDITIONS OF USE: YES as shown below:

When installed as Zone 2 equipment, the thermoelectric cooler must be mounted within a tool-secured IP54 enclosure.



Certificate No.: IECEx FMG 18.0005X

Date of issue:

2020-02-17

Page 5 of 5

Issue No: 1

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above) Update of documents, not related to the safety or requirement of the IECEx approval.



R		ELECTROTECHNICAL COM	MISSION
	IEC Certification	System for Explosive Atmosp ails of the IECEx Scheme visit www.iecex.com	heres
Certificate No.:	IECEx FMG 18.0005X	Page 1 of	-
Status:	Current	Issue No: 2	2 Issue 1 (2020-02-17) Issue 0 (2018-10-04)
Date of Issue:	2021-01-25		
Applicant:	Bühler Technologies GmbH Harkortstrasse 29 Ratingen, D-40880 Germany		
Equipment:	TC-6 Thermoelectric Cooler		
Optional accessory:			
Type of Protection:	Increased Safety e, Enclosed Bre	eak nC	
Marking:	IECEx FMG 18.0005X Ex ec nC IIC	C T4 Gc	
	Та		
Approved for issue or Certification Body:	n behalf of the IECEx	J. E. Marquedant	
Position:		VP, Manager - Electrical Sy	stems
Signature: (for printed version)			
Date: (for printed version)			
2. This certificate is not	chedule may only be reproduced in full. transferable and remains the property of the enticity of this certificate may be verified by v	e issuing body. visiting www.iecex.com or use of this QR Code.	
Certificate issued	by:		
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Certificate No.:	IECEx FMG 18.0005X	Page 2 of 5			
Date of issue:	2021-01-25	Issue No: 2			
Manufacturer:	Bühler Technologies GmbH Harkortstrasse 29 Ratingen, D-40880 Germany				
Manufacturing locations:					
IEC Standard list bel found to comply with	This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended				
STANDARDS : The equipment and a to comply with the fo	any acceptable variations to it specified in the schedule of this certi llowing standards	ficate and the identified documents, was found			
IEC 60079-0:2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements				
IEC 60079-15:2017 Edition:5.0	Explosive atmospheres - Part 15: Equipment protection by type	of protection "n"			
IEC 60079-7:2015 Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increa	ised safety "e"			
	This Certificate does not indicate compliance with safety an other than those expressly included in the Standa				
TEST & ASSESSME A sample(s) of the ed	ENT REPORTS: quipment listed has successfully met the examination and test requ	irements as recorded in:			

Test Reports:

US/FMG/ExTR18.0005/00

US/FMG/ExTR18.0005/01

US/FMG/ExTR18.0005/02

Quality Assessment Report:



Certificate No.:

IECEx FMG 18.0005X

2021-01-25

Date of issue:

Page 3 of 5

Issue No: 2

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

TC-Standard (+) (X2)

4496 21 abcdefghijklmno

- a = Quanity of heat exchangers; 1 or 2
- b = Operating temperature; 40°C or 50°C
- c = application area

d = voltage; 3

e, f, g = Type of heat exchangers

h, i = Type and connection of peristaltic pumps

j, k = Type of humdity sensor and filter

l, m = Status output

n, o = Delta temperature; yes or no

TC-MIDI (+) (X2)

4496 31 abcdefghijklmno

a = Quanity of heat exchangers; 1 or 2

- b = Operating temperature; 40°C or 60°C
- c = Application area

d = Voltage; 2

- e, f, g = Type of heat exchangers
- h = Type peristaltic pumps

i = Type of gas pumps

j, k = Type of humidity sensor and filter

I, m = Status ouput

n, o = Delta temperature; yes or no

TC-Double (+) (X2)

4496 611 abcdefghijklmn

- a = Operating temperature; 40°C or 60°C; pre-cooling yes or no
- b = Application area
- c = Voltage; 2
- d, e, f = Type of heat exchangers
- g = Type of peristaltic pumps

h = Type of gas pumps



Certificate No.: IECEx FMG 18.0005X

Date of issue:

2021-01-25

Page 4 of 5

Issue No: 2

k, I = status output

m, n = blank

SPECIFIC CONDITIONS OF USE: YES as shown below:

When installed as Zone 2 equipment, the thermoelectric cooler must be mounted within a tool-secured IP54 enclosure.



Certificate No .: IECEx FMG 18.0005X

Date of issue:

2021-01-25

Page 5 of 5

Issue No: 2

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above) Update of documents, introducing of a digital interface which does not affect the safety or requirements of the IECEx approval.



INTERNATIONAL ELECTROTECHNICAL COMMISSION

IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEx FMG 18.0005X	Page 1 of		tificate history:
Status:	Current	Issue No: 3	3 Issu	ie 2 (2021-01-25) ie 1 (2020-02-17)
Date of Issue:	2022-01-27		Issu	ie 0 (2018-10-04)
Applicant:	Bühler Technologies GmbH Harkortstrasse 29 Ratingen, D-40880 Germany			
Equipment:	TC-6 Thermoelectric Cooler			
Optional accessory:				
Type of Protection:	Increased Safety e, Enclosed Break nC			
Marking:	IECEx FMG 18.0005X Ex ec nC IIC T4 Gc			
	Та			
Approved for issue of Certification Body:	n behalf of the IECEx	J. E. Marquedant		
Position:		VP, Manager - Electrical Sy	stems	
Signature: (for printed version)				
Date:				
(for printed version)				
This certificate is no	schedule may only be reproduced in full. t transferable and remains the property of the issuing body. enticity of this certificate may be verified by visiting www.iec	cex.com or use of this QR Code.		
Certificate issued	l by:			
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Norwood, MA 02062 United States of America

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Certificate No .:	IECEx FMG 18.0005X	Page 2 of 5		
Date of issue:	2022-01-27	Issue No: 3		
Manufacturer:	Bühler Technologies GmbH Harkortstrasse 29 Ratingen, D-40880 Germany			
Manufacturing locations:				
This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended				
STANDARDS : The equipment and a to comply with the foll	ny acceptable variations to it specified in the schedule of this certifi lowing standards	icate and the identified documents, was found		
IEC 60079-0:2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements			
IEC 60079-15:2017 Edition:5.0	Explosive atmospheres - Part 15: Equipment protection by type o	f protection "n"		
IEC 60079-7:2015 Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increas	ed safety "e"		
	This Certificate does not indicate compliance with safety and other than those expressly included in the Standa			
TEST & ASSESSME	NT REPORTS:			

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

US/FMG/ExTR18.0005/00 US/FMG/ExTR18.0005/03 US/FMG/ExTR18.0005/01

US/FMG/ExTR18.0005/02

Quality Assessment Report:



Certificate No .:

IECEx FMG 18.0005X

Date of issue:

2022-01-27

Page 3 of 5 Issue No: 3

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

TC-Standard (+) (X2)

4496 21 abcdefghijklmno

- a = Quanity of heat exchangers; 1 or 2
- b = Operating temperature; 40°C or 50°C
- c = application area

d = voltage; 3

e, f, g = Type of heat exchangers

h, i = Type and connection of peristaltic pumps

j, k = Type of humdity sensor and filter

I, m = Status output

n, o = Delta temperature; yes or no

TC-MIDI (+) (X2)

4496 31 abcdefghijklmno

a = Quanity of heat exchangers; 1 or 2

- b = Operating temperature; 40°C or 60°C
- c = Application area

d = Voltage; 2

- e, f, g = Type of heat exchangers
- h = Type peristaltic pumps

i = Type of gas pumps

j, k = Type of humidity sensor and filter

I, m = Status ouput

n, o = Delta temperature; yes or no

TC-Double (+) (X2)

4496 611 abcdefghijklmn

- a = Operating temperature; 40°C or 60°C; pre-cooling yes or no
- b = Application area
- c = Voltage; 2
- d, e, f = Type of heat exchangers
- g = Type of peristaltic pumps

h = Type of gas pumps



Certificate No.: IECEx FMG 18.0005X

Date of issue:

2022-01-27

Page 4 of 5 Issue No: 3

k, I = status output

m, n = blank

SPECIFIC CONDITIONS OF USE: YES as shown below:

When installed as Zone 2 equipment, the thermoelectric cooler must be mounted within a tool-secured IP54 enclosure.



Date of issue:

IECEx Certificate of Conformity

Certificate No.: IEC

IECEx FMG 18.0005X

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2022-01-27

Issue No: 3

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above) Document update





Certificate No .:	IECEx FMG 18.0005X	Page 2 of 5			
Date of issue:	2024-10-09	Issue No: 4			
Manufacturer:	Bühler Technologies GmbH Harkortstrasse 29 Ratingen, D-40880 Germany				
Manufacturing locations:					
IEC Standard list belo found to comply with	This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended				
STANDARDS : The equipment and a to comply with the fol	ny acceptable variations to it specified in the schedule of this certif lowing standards	icate and the identified documents, was found			
IEC 60079-0:2017 Edition:7.0	Explosive atmospheres - Part 0: Equipment - General requirement	nts			
IEC 60079-15:2017 Edition:5.0	Explosive atmospheres - Part 15: Equipment protection by type o	f protection "n"			
IEC 60079-7:2015 Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increas	sed safety "e"			
	This Certificate does not indicate compliance with safety and other than those expressly included in the Standa				

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

US/FMG/ExTR18.0005/00 US/FMG/ExTR18.0005/03 US/FMG/ExTR18.0005/01 US/FMG/ExTR18.0005/04 US/FMG/ExTR18.0005/02

Quality Assessment Report:



Certificate No .:

IECEx FMG 18.0005X

2024-10-09

Date of issue:

Page 3 of 5

Issue No: 4

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

TC-Standard (+) (X2)

4496 21 abcdefghijklmno

- a = Quanity of heat exchangers; 1 or 2
- b = Operating temperature; 40°C or 50°C
- c = application area

d = voltage; 3

e, f, g = Type of heat exchangers

h, i = Type and connection of peristaltic pumps

j, k = Type of humdity sensor and filter

I, m = Status output

n, o = Delta temperature; yes or no

TC-MIDI (+) (X2)

4496 31 abcdefghijklmno

a = Quanity of heat exchangers; 1 or 2

- b = Operating temperature; 40°C or 60°C
- c = Application area

d = Voltage; 2

- e, f, g = Type of heat exchangers
- h = Type peristaltic pumps

i = Type of gas pumps

j, k = Type of humidity sensor and filter

I, m = Status ouput

n, o = Delta temperature; yes or no

TC-Double (+) (X2)

4496 611 abcdefghijklmn

- a = Operating temperature; 40°C or 60°C; pre-cooling yes or no
- b = Application area
- c = Voltage; 2

d, e, f = Type of heat exchangers

g = Type of peristaltic pumps

h = Type of gas pumps



Certificate No.: IECEx FMG 18.0005X

Date of issue:

Page 4 of 5

Issue No: 4

k, I = status output

m, n = blank

SPECIFIC CONDITIONS OF USE: YES as shown below:

2024-10-09

The equipment shall be installed within a tool-secured enclosure providing a minimum degree of protection of IP54 and meeting the requirements of EN 60079-0 or certified as Ex e and in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.



Certificate No.: IECEx FMG 18.0005X

Page 5 of 5

Date of issue:

2024-10-09

Issue No: 4

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above) Addition of product variants due to changes in electronics





Certificate No .:	IECEx FMG 18.0005X	Page 2 of 5			
Date of issue:	2024-12-05	Issue No: 5			
Manufacturer:	Bühler Technologies GmbH Harkortstrasse 29 Ratingen, D-40880 Germany				
Manufacturing locations:					
IEC Standard list belo found to comply with	This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended				
STANDARDS : The equipment and a to comply with the fol	ny acceptable variations to it specified in the schedule of this certif lowing standards	icate and the identified documents, was found			
IEC 60079-0:2017 Edition:7.0	Explosive atmospheres - Part 0: Equipment - General requirement	nts			
IEC 60079-15:2017 Edition:5.0	Explosive atmospheres - Part 15: Equipment protection by type o	f protection "n"			
IEC 60079-7:2015 Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increas	sed safety "e"			
	This Certificate does not indicate compliance with safety and other than those expressly included in the Standa				

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

US/FMG/ExTR18.0005/00 US/FMG/ExTR18.0005/03 US/FMG/ExTR18.0005/01 US/FMG/ExTR18.0005/04 US/FMG/ExTR18.0005/02 US/FMG/ExTR18.0005/05

Quality Assessment Report:



Certificate No .:

IECEx FMG 18.0005X

2024-12-05

Date of issue:

Page 3 of 5

Issue No: 5

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

TC-Standard (+) (X2)

4496 21 abcdefghijklmno

- a = Quanity of heat exchangers; 1 or 2
- b = Operating temperature; 40°C or 50°C
- c = application area

d = voltage; 3

e, f, g = Type of heat exchangers

h, i = Type and connection of peristaltic pumps

j, k = Type of humdity sensor and filter

I, m = Status output

n, o = Delta temperature; yes or no

TC-MIDI (+) (X2)

4496 31 abcdefghijklmno

a = Quanity of heat exchangers; 1 or 2

- b = Operating temperature; 40°C or 60°C
- c = Application area

d = Voltage; 2

- e, f, g = Type of heat exchangers
- h = Type peristaltic pumps

i = Type of gas pumps

j, k = Type of humidity sensor and filter

I, m = Status ouput

n, o = Delta temperature; yes or no

TC-Double (+) (X2)

4496 611 abcdefghijklmn

- a = Operating temperature; 40°C or 60°C; pre-cooling yes or no
- b = Application area

c = Voltage; 2

d, e, f = Type of heat exchangers

g = Type of peristaltic pumps

h = Type of gas pumps



Certificate No.: IECEx FMG 18.0005X

Date of issue:

Page 4 of 5

2024-12-05

Issue No: 5

k, I = status output

m, n = blank

SPECIFIC CONDITIONS OF USE: YES as shown below:

The equipment shall be installed within a tool-secured enclosure providing a minimum degree of protection of IP54 and meeting the requirements of EN 60079-0 or certified as Ex e and in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.



Date of issue:

IECEx Certificate of Conformity

Certificate No.: IECEx FMG 18.0005X

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2024-12-05

Issue No: 5

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above) Document Updates