

IECEx Certificate

of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.:	IECEx IBE 17.0024X		Issue No: 0	Certificate history: Issue No. 0 (2018-09-03)
Status:	Current		Page 1 of 3	
Date of Issue:	2018-09-03			
Applicant:	Bühler Technologies GmbH Harkortstr. 29 40880 Ratingen Germany			
Equipment: Optional accessory:	Sample Gas Probe GAS 222.xx Ex 1			
Type of Protection:	Exeb			
Marking:	For EPL Ga/Gb: Ex db eb mb IIC T5/T6…T1/T2 Ga/Gb			
	For EPL Gb: Ex db eb mb IIC T6T2 Gb			
	For further information see typecode in annex			
Approved for issue o Certification Body:	n behalf of the IECEx	DiplIng. Alexander He	enker	
Position:		Deputy Head of Certific	cation Body	
Signature: (for printed version)		S. Kent	lei	
Date:		2018 - 05	1-03	

1. This certificate and schedule may only be reproduced in full.

- 2. This certificate is not transferable and remains the property of the issuing body.
- 3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

IBExU Institut für Sicherheitstechnik GmbH Certification Body Fuchsmühlenweg 7 09599 Freiberg Germany





Certificate No:	IECEx IBE 17.0024X
Date of Issue:	2018-09-03
Manufacturer:	Bühler Technologies GmbH Harkortstr. 29 40880 Ratingen Germany

Issue No: 0

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Additional Manufacturing location(s):

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 apparatus 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 60079-26 : 2014-10 Edition:3.0	Explosive atmospheres – Part 26: Equipment with Equipment Protection Level (EPL) Ga
IEC 60079-7 : 2015 Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increased safety "e"

This Certificate does not indicate compliance with electrical 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:

DE/IBE/ExTR16.0034/00

Quality Assessment Report:

DE/BVS/QAR16.0002/02



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The sample gas probes GAS 222. xx Ex 1 are to be operated in a zone 1 and can extract from zone 0. A sample gas is transported through the gas sampling probe to an external sample gas pump and then transported to a gas analyzer. The sample gas passes through a particle filter inside the probe (type 20,21) or outside the probe (in the process, type 21, 31,35). With the ball value it is possible to separate the probe interior from the process in order to change the filter (type 21).

The heating tape is wrapped around the probe's inner stainless steel body and is therefore not directly accessible. The sheath of the inside stainless steel bodies of probes type 20, 21, 31 and 35 consists of a combination of VA sheath and insulation, the Type 20 also has the option of an enclosure made of pure epoxy heat insulation. Furthermore, all probes are surrounded by a protective cover made of sheet steel, which can be opened for maintenance purposes, and are thus protected against external influences.

Versions 20, 21,31 and 35 can be operated with a backwash mechanism. Compressed air (or inert gas) from a reservoir (pmax=10 bar) is immediately let into the probe to remove particles from the filter (in the process). Flammable gases may only be flushed back with inert gas (e. g. nitrogen). Backwashing is not permitted for explosive gas mixtures.

For EPL Ga/Gb applications, the temperature class inside is one class lower than outside.

The probes are suitable for an ambient temperature of -40 to +60°C.

SPECIFIC CONDITIONS OF USE: YES as shown below:

Strain relief for the cable connection must be installing.

The cable must be secured against twisting and loosening.

When extracting from zone 0, the higher temperature class inside must be considered.

The ambient temperature range depends on the components used. Further information are mentioned in the instructions.

Annex:

Annex IBE 17_0024_00.pdf



IECEx Certificate of Conformity - Annex



Certificate No):	IE	CEx I	BE	17.00	024	х					Issue No: 0	
Date of Issue: 2018-09-03			Page 1 of 1										
Item number IECEx GA	S 222 Ex1												
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			Se Marine	W.S.	ST. State	(Listing	70.3%	1 ansa	10-15 K	Ser.	5	Sample probe basis unit	
	2 0							1	1			GAS 222.20	
	2 1											GAS 222.21	
	3 1											GAS 222.31	
	3 5	Distance in the				-	-	-				GAS 222.35	
		No.			Contraction in the		WE.		63723	NON.		Flange	
		0 1										Flange DN65 PN6	
		0 2										Flange DN3"-150	
		XX	Dist. Colo	-	-	(surfaces	120-37-	-	Sie work	RAPA	(Carl	others	
			Carlos Mar			24-2-1	1990 1997 - M		Car John	1999 - 1997 1999 -	1.12	Autride	
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			5									2	
			9									none	
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			3									0	
			4									1	
			5									2	
			9			1					_	none	
				No.					1999			Temperature class	
				2								T2 (T1/T2 for EPL Ga/Gb)	
				3								13 (12/13 for EPL Ga/Gb)	
				4								TE (T4/TE for EPL Ga/Gb)	
				6								T6 (T5/T6 for EPL Ga/Gb)	
					Series and	10 Sta	Section 1	1	1944.65	10.22	Res I	Power supply sample probe	
					1					-		115V	
					2							230V	
						1 and			en con			Calibration gas port	
						0			1			No	
						1						6mm	
						2						6mm + check valve	
						3						1/4	
						4	Soldare.	and the second			C. Salar	1/4 + check valve	
							-	(Carles and	in the second se	199		Capacitive vessel	
							1					INO Ves (not for our pare incide)	
								C. C.	STAR ST	2 20	-	Valve for pressurized air	
								0	1	Lange	ALC NO	Ball valve	
								1				solenoid valve 115V (marked with "mb") (only T2-T4)	
								2				solenoid valve 230V (marked with "mb") (only T2-T4)	
								3				solenoid valve 2507 (marked with "mb") (only T2-T4)	
								9				without	
									Sec.		1	Pneumatic actuator for internal ball valve	
									0			No	
									1			Mono stable depressurized open (only for GAS 222.21/31)	
									2			Mono stable depressurized closed (only for GAS 222.21/31)	
										1223	1	Limit switch for pneumatic actuator	
										0		No	
										1	_	Yes (marked with "db") (only for GAS 222.21/31)	
												Solenoid valve for pneumatic actuator	
											0	No	
										L	1	res (marked with "mb") (only for GAS 222.21/31) (only T2-T4)	



IECEx Certificate of Conformity

	INTERNATIONAL ELECT IEC Certification System for rules and details of the	ROTECHNICAL COMMISSION n for Explosive Atmospheres	
Certificate No.:	IECEX IBE 17.0024X	Page 1 of 4	Certificate history:
Status:	Current	Issue No: 1	13502 0 (2010-03-03)
Date of Issue:	2020-09-02		
Applicant:	Bühler Technologies GmbH Harkortstr. 29 40880 Ratingen Germany		
Equipment:	Sample Gas Probe GAS 222.xx Ex 1		
Optional accessory:			
Type of Protection:	Ex e, Ex t with Ex d and Ex m		
Marking:	For GAS 222.20/21/31/35		
	EPL Ga/Gb: Ex db eb mb IIC T5/T6T1/T2 Ga/Gb For GAS 222.10/11/30/35-U	EPL Gb: Ex db eb mb IIC T6T2 Gb	
	EPL Ga/Gb: Ex db eb mb IIC T4 Ga/Gb EPL Gb: Ex db eb mb IIC T4 Gb EPL Da/Db: Ex ta/tb mb IIIC T130°C Da/Db	EPL Db: Ex tb mb IIIC T130°C Db EPL Ga/Db: Ex db eb mb IIC T4 Ga Ex tb mb IIIC T130 °C Db EPL Da/Gb: Ex ta IIIC T130 °C Da Ex ta IIIC T130 °C Da	
	This is the maximal marking and depends o	on the used configuration. For further information	on see typecode in annex.
Approved for issue c Certification Body:	n behalf of the IECEx	DiplIng. Alexander Henker	
Position:		Deputy Head of Certification Body	
Signature: (for printed version)		A. Kenlar	
Date:		2020-09-02	

- 2. This certificate is not transferable and remains the property of the issuing body.
- 3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

IBExU Institut für Sicherheitstechnik GmbH Fuchsmühlenweg 7 09599 Freiberg Germany





Certificate No.:	IECEX IBE 17.0024X	Page 2 of 4
Date of issue:	2020-09-02	Issue No: 1
Manufacturer:	Bühler Technologies GmbH Harkortstr. 29 40880 Ratingen Germany	
Additional manufacturing locations:		
This certificate is issu the IEC Standard list assessed and found IECEx Scheme Rules	ued as verification that a sample(s), rep below and that the manufacturer's qua to comply with the IECEx Quality system s, IECEx 02 and Operational Document	resentative of production, was assessed and tested and found to comply with lity system, relating to the Ex products covered by this certificate, was m requirements. This certificate is granted subject to the conditions as set out in is as amended
STANDARDS : The equipment and a to comply with the fol	any acceptable variations to it specified lowing standards	in the schedule of this certificate and the identified documents, was found
IEC 60079-0:2017 Edition:7.0	Explosive atmospheres - Part 0: Equi	pment - General requirements
IEC 60079-1:2014-00 Edition:7.0	6 Explosive atmospheres - Part 1: Equi	pment protection by flameproof enclosures "d"
IEC 60079-18:2017 Edition:4.1	Explosive atmospheres - Part 18: Pro	tection by encapsulation "m"
IEC 60079-26:2014-10 Edition:3.0	Explosive atmospheres – Part 26: Eq	uipment with Equipment Protection Level (EPL) Ga
IEC 60079-31:2013 Edition:2	Explosive atmospheres - Part 31: Equ	upment dust ignition protection by enclosure "t"
IEC 60079-7:2017 Edition:5.1	Explosive atmospheres - Part 7: Equi	pment protection by increased safety "e"
	This Certificate does not indicate of other than those expres	compliance with safety and performance requirements salve included in the Standards listed above.
TEST & ASSESSME A sample(s) of the ed	NT REPORTS: guipment listed has successfully met the	e examination and test requirements as recorded in:
Test Reports:		
DE/IBE/ExTR16.003	4/00 DE/IBE/ExTR1	6.0034/01
Quality Assessment	Report:	
DE/BVS/QAR16.000	2/03	



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Date of issue:

2020-09-02

Issue No: 1

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

A sample gas is transported through the gas sampling probe to a gas analyzer via an external sample gas pump.

Unheated Types

Unheated sample gas probes (type 10, 11, 30, 35-U) are designed for use in EPL Gb/Db and for sampling from EPL Ga/Da. The sample gas passes through a particle filter which is located inside the probe (type 10,11) or outside the probe in the process (type 11). With version 11, it is possible to separate the inside of the probe from the process by means of a ball valve, e.g. to change the filter.

Heated Types

Heated sample probes (type 20, 21, 31, 35) are designed for use in EPL Gb and for sampling from EPL Ga. The sample gas passes through a particle filter which is located inside the probe (type 20, 21) or outside the probe in the process (type 21, 31, 35). With the versions 21, 31 it is possible to separate the inside of the probe from the process by means of a ball valve, e.g. to change the filter (type 21). For EPL Ga/Gb applications, the temperature class inside is one class lower than outside.

Heated and unheated probes are suitable for an ambient temperature of -40 to +60°C. They are always equipped with approved electrical components (e.g. solenoid valves, terminal box). The type code and the implementation in the order configurator exclude the configuration of unheated probes without electrical components as IECEx type-tested devices.

SPECIFIC CONDITIONS OF USE: YES as shown below:

Strain relief for the cable connection must be installing.

The cable must be secured against twisting and loosening.

When extracting from EPL Ga with heated gas probes, the more critical temperature class inside must be considered.

The extended ambient temperature range is -40 °C up to +60 °C but further depends on the components used. Additional informations are mentioned in the instructions.



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Date of issue:

2020-09-02

Issue No: 1

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above) • Addition of certification for the use in hazardous dust atmospheres EPL Db and sampling of hazardous dust atmospheres EPL Da. • Inclusion of the unheated probe types (10, 11, 30, 35-U) in combination with an ex-approved electrical component Constructive changes

Annex:

Annex IBE 17_0024_01.pdf



IECEx Certificate of Conformity - Annex



Certificate No:

IECEX IBE 17.0024X

Date of Issue:

2020-09-02

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Issue No: 1

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					unheated			
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3 5					GAS 222.35-0			No. of Concession, Name of Street, or other
					heated			
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2 1					GAS 222.21			
3 1					GAS 222.31			
3 5	The second second	-			GAS 222.35	the second s		
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0 1					flange DN3"-150			
					others			
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					outside			
					zone 1			
4 7					zone 21 (only for GAS	222.10/11/30/35-U)		
	3111-14E	1	2.2013	20.00	inside			S SALL AND A CONTRACT OF
2				-	zone 0			
3					zone 1			
4					zone 20 (only for GAS	222 10/11/30/35-11		
0					zone 21 (only for GAS 2	222 10/11/30/35-11		
7					20112 21 (01113 101 075 2	222.10/11/30/33-0/		
9		100 200	A Starte		temperature class ins	ide / outside (GAS 222	20/21/31/35)	
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and a present proceeding when your pro-	2				11/12	12/12		
	4				13/14	14/14		
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the second se	4	A	a la company	RUME	nower supply sample	probe	1130 0/14	1150 0/1150 0
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	1				115V (only for GAS 222	20/21/31/35)		
					1134 (01119 101 013 222	20/21/31/35)		
	2				230V (only for GAS 222			
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		0 1 2 3 4 0 1	0 1 2 3 9 0 1 2 3 9		230V (only for GAS 222 calibration gas port no 6mm 6mm + check valve 1/4 1/4 + check valve pressure vessel no yes purge valve ball valve solenoid valve 110V (n solenoid valve 230V (n solenoid valve 24V (m) without pneumatic actuator f no mono stable depressu	narked with "mb") (only narked with "mb") (only arked with "mb") (only arked with "mb") (only T or internal ball valve rized open (only for GAS	T2-T4 or T130°C) T2-T4 or T130°C) 2-T4 or T130°C) 22-T4 or T130°C) 222.11/30/21/31) S 222.11/30/21/31)	
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			0 1 2 3 9 0 1 1 2 2 3 9		230V (only for GAS 222 calibration gas port no 6mm + check valve 1/4 1/4 + check valve pressure vessel no yes purge valve ball valve solenoid valve 110V (m solenoid valve 230V (m solenoid valve 24V (m without pneumatic actuator f no mono stable depressu imit switch for pneum no yes (only for GAS 222 solenoid valve for pn) no 100V (only for GAS 222	narked with "mb") (only narked with "mb") (only arked with "mb") (only T or internal ball valve rized open (only for GAS rized closed (only for GA matic actuator 11/30/21/31) (marked v eumatic actuator 2.11/30/21/31) (marked v 2.11/30/21/31) (marked v	T2-T4 or T130°C) T2-T4 or T130°C) 2-T4 or T130°C) 2-T4 or T130°C) 2222.11/30/21/31) S 222.11/30/21/31) with "db" or "ta" or "tb") with "db" or "ta" or "tb") with "db" or "ta" or "tb")	r T130°C)
			0 1 2 3 9 0 1 2 2 3 9		230V (only for GAS 222 calibration gas port no 6mm + check valve 1/4 1/4 + check valve pressure vessel no yes purge valve ball valve solenoid valve 24V (m without pneumatic actuator f no solenoid valve 24V (m without pneumatic actuator f no 100 (only for GAS 222 200 (only for GAS 222)	narked with "mb") (only narked with "mb") (only narked with "mb") (only arked with "mb") (only or internal ball valve rized open (only for GAS rized closed (only for GA matic actuator 11/30/21/31) (marked v eumatic actuator 2.11/30/21/31) (marked 2.11/30/21/31) (marked	T2-T4 or T130°C) T2-T4 or T130°C) 2-T4 or T130°C) 2-T4 or T130°C) 2222.11/30/21/31) S 222.11/30/21/31) S 222.11/30/21/31) with "db" or "ta" or "tb") with "db" or "ta" or "tb") with "mb") (only T2-T4 or with "mb") (only T2-T4 or with "mb") (only T2-T4 or	r T130°C) r T130°C) r T130°C)



INTERNATIONAL ELECTROTECHNICAL COMMISSION

IEC Certification System for Explosive Atmospheres

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

Certificate No.:	IECEx IBE 17.0024X	Page 1 of 4	Certificate history:
Status:	Current	Issue No: 2	Issue 1 (2020-09-02) Issue 0 (2018-09-03)
Date of Issue:	2023-02-13		
Applicant:	Bühler Technologies GmbH Harkortstr. 29 40880 Ratingen Germany		
Equipment:	Sample Gas Probe GAS 222.xx Ex 1		
Optional accessory:			
Type of Protection:	Ex e, Ex t with Ex d and Ex m		
Marking:	For GAS 222.20/21/31/35		
	EPL Ga/Gb: Ex db eb mb IIC T5/T6…T1/T2 Ga/Gb	EPL Gb: Ex db eb mb IIC T6…T2 Gb	
	EPL Da/Db: Ex ta/tb mb IIIC T120 °C/T80 °C…T300 °C/T226 °C Da Db	 EPL Db: Ex tb mb IIIC T80 °CT226 °C Db 	
	EPL Ga/Db: Ex db eb mb IIC T5 …T1 Ga Ex tb mb IIIC T80 °C…T226 °C Db For GAS 222.10/11/30/35-U	EPL Da/Gb: Ex ta IIIC T120 °C…T300 °C Da Ex db eb mb IIC T6 …T2 Gb	
	EPL Ga/Gb: Ex db eb mb IIC T4 Ga/Gb EPL Gb: Ex db eb mb IIC T4 Gb	EPL Db: Ex tb mb IIIC T130°C Db EPL Ga/Db: Ex db eb mb IIC T4 Ga Ex tb mb IIIC T130 °C Db	
	EPL Da/Db: Ex ta/tb mb IIIC T130°C Da/Db	EPL Da/Gb: Ex ta IIIC T130 °C Da Ex db eb mb IIC T4 Gb	
	This is the maximal marking and depends on the used o	configuration. For further information see	typecode in annex.
Approved for issue o Certification Body:	n behalf of the IECEx DrIng	. Peter Cimalla	
Position:	Deputy	v Head of department Certification Boo	ły
Signature: (for printed version)			
Date: (for printed version)			
 This certificate and s This certificate is not The Status and auth 	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.iecex.com or	use of this QR Code.	
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Certificate No .:	IECEx IBE 17.0024X	Page 2 of 4
Date of issue:	2023-02-13	Issue No: 2
Manufacturer:	Bühler Technologies GmbH Harkortstr. 29 40880 Ratingen Germany	
Manufacturing locations:		
This certificate is issu IEC Standard list belo found to comply with Rules, IECEx 02 and	ed as verification that a sample(s), repres w and that the manufacturer's quality sys the IECEx Quality system requirements.T Operational Documents as amended	centative of production, was assessed and tested and found to comply with the tem, relating to the Ex products covered by this certificate, was assessed and his certificate is granted subject to the conditions as set out in IECEx Scheme
STANDARDS : The equipment and a to comply with the foll	ny acceptable variations to it specified in owing standards	the schedule of this certificate and the identified documents, was found
IEC 60079-0:2017 Edition:7.0	Explosive atmospheres - Part 0: Equipm	ent - General requirements
IEC 60079-1:2014-06 Edition:7.0	Explosive atmospheres - Part 1: Equipm	ent protection by flameproof enclosures "d"
IEC 60079-18:2017 Edition:4.1	Explosive atmospheres - Part 18: Protect	ction by encapsulation "m"
IEC 60079-26:2014-10 Edition:3.0	Explosive atmospheres – Part 26: Equip	ment with Equipment Protection Level (EPL) Ga
IEC 60079-31:2013 Edition:2	Explosive atmospheres - Part 31: Equip	ment dust ignition protection by enclosure "t"
IEC 60079-7:2017 Edition:5.1	Explosive atmospheres - Part 7: Equipm	ent protection by increased safety "e"
IEC/IEEE 60079-30-1:2015 Edition:1.0	Explosive atmospheres - Part 30-1: Elec	trical resistance trace heating - General and testing requirements
	This Certificate does not indicate co other than those express	ompliance with safety and performance requirements aly included in the Standards listed above.
TEST & ASSESSME A sample(s) of the eq	NT REPORTS: uipment listed has successfully met the e	xamination and test requirements as recorded in:

Test Reports:

DE/IBE/ExTR16.0034/00

DE/IBE/ExTR16.0034/01

DE/IBE/ExTR16.0034/02

Quality Assessment Report:

DE/BVS/QAR16.0002/05



Certificate No.:

IECEx IBE 17.0024X

2023-02-13

Date of issue:

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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

A sample gas is transported through the sample gas probe to a gas analyzer via an external sample gas pump.

Unheated Types

Unheated sample gas probes (type 10, 11, 30, 35-U) are designed for use in EPL Gb or Db and for sampling from EPL Ga or Da. The sample gas passes through a particle filter which is located inside the probe (type 10,11) or outside the probe in the process (type 11, 30, 35-U). With version 11, 30 it is possible to separate the inside of the probe from the process by means of a ball valve, e.g. to change the filter.

Heated Types

Heated sample probes (type 20, 21, 31, 35) are designed for use in EPL Gb or Db and for sampling from EPL Ga or Da. The sample gas passes through a particle filter which is located inside the probe (type 20, 21) or outside the probe in the process (type 21, 31, 35). With the versions 21, 31 it is possible to separate the inside of the probe from the process by means of a ball valve, e.g. to change the filter (type 21). For EPL Ga and Da applications, the temperature class or maximum surface temperature inside deviates from the outside, see special conditions of use.

Heated and unheated probes are suitable for an ambient temperature of -40 to +60°C. They are always equipped with approved electrical components (e.g. solenoid valves, terminal box). The type code and the implementation in the order configurator exclude the configuration of unheated probes without electrical components as IECEx type-tested devices.

The ambient temperature range, the temperature classes and maximum surface temperatures assigned depend on the selection of the components used.

Technical data:

ambient temperature range:	-40 °C+60 °C (maximum range, depending on components used)
rated voltage:	115 V AC or 230 V AC
rated frequency:	50 Hz or 60 Hz

SPECIFIC CONDITIONS OF USE: YES as shown below:

- Strain relief for the cable connection must be installing.
- The cable must be secured against twisting and loosening.
- For heated sample gas probes, the temperature class / maximum surface temperature inside (EPL Ga or Da) deviates from that outside (EPL Gb or Db) and must be observed accordingly.
- The maximum permitted ambient temperature range is -40 °C up to +60 °C. It depends on the components used and can be restricted by these components. Additional information is mentioned in the instructions.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

2023-02-13

The use of alternative trace heating units including new end seals has been considered.

Annex:

Annex IBE 17_0024_02.pdf



IECEx Certificate of Conformity - Annex



Certificate No:	IECEx IBE 17.	7.0024X		Issue N	lo: 2	
Date of Issue:	2023-02-13			Page 1	of 1	
4 6 2 2 2 1	2023-02-13 0 1 2 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 1 2 1 2 1 1 <		sample probe b unheated GAS 222.10 GAS 222.30 GAS 222.31 GAS 222.32 GAS 222.31 GAS 222.35 junction box no (only for GAS yes flange flange DNG5 PNI flange DNG5 PNI flange DNG1 PNI flange DNG1 PNI flange DNG5 PNI flange DNG1 PNI flange DNI flange DNI flange DNI flange DNI fla/f4 power suppl	Page 1 asis unit asis unit	of 1 of 1 	Da/Db or Db/Db T130°C/T130°C
			no yes (only for GA solenoid value f 0 no 1 110V (only for G 2 230V (only for G 3 24V (only for GA	5 222.11/30/21/31) (marked w or pneumatic actuator AS 222.11/30/21/31) (marked v AS 222.11/30/21/31) (marked w 2 222.11/30/21/31) (marked wi	ith "db" or "ta" or "tb") vith "mb") (only T2-T4 or vith "mb") (only T2-T4 or T th "mb") (only T2-T4 or T	T130°C) T130°C) 130°C)