1 Europe (EU)

Technical data

frequency band(s):	BT 2.1: 2402-2480 MHz
	Inductive Applications 13.56 kHz
transmitted power:	BT 2.1: 0.97 mW / -0.14 dBm EIRP
	Inductive Applications: -2.30 dBµA/ m at 10m

EC-Declaration of Conformity

CE

EG-Konformitätserklärung
EC-Declaration of Conformity

Dräger

Dokument Nr. / *Document No.* SE23516-00

Wir / *we* Dräger Safety AG & Co. KGaA, Revalstraße 1, 23560 Lübeck, Germany

erklären in alleiniger Verantwortung, dass das Produkt
declare under our sole responsibility that the product

Gebläsefiltergerät Serie Dräger X-plore 8000
mit Gebläse X-plore 8500
Powered filtering device series Dräger X-plore 8000
with blower unit X-plore 8500

mit den EG-Baumusterprüfbescheinigungen / Expertisen
is in conformity with the EC-Type Examination Certificates / Expertises
IFA 1401164[1)]; IFA 1401165[1)]; IFA 1401166[1)]; IFA 1401168[2)]; IFA 1401169[2)], G0M-1409-4186-C-V01

ausgestellt von der benannten Stelle mit der Kenn-Nr.
issued by the Notified Body with Identification No.

IFA Institut für Arbeitsschutz
Alte Heerstraße 111
53757 Sankt Augustin
0121

Eurofins Product Service GmbH
Storkower Straße 38c
D-15526 Reichenwalde
0681

und mit den folgenden Richtlinien unter Anwendung der aufgeführten Normen übereinstimmt
and is in compliance with the following directives by application of the listed standards

Bestimmungen der Richtlinie *provisions of directive*		**Nummer sowie Ausgabedatum der Norm** *Number and date of issue of standard*
89/686/EWG: *89/686/EEC:*	**Persönliche Schutzausrüstungs-Richtlinie** *Personal Protective Equipment Directive*	[1)]DIN EN 12941:2009 [2)]DIN EN 12942:2009
2004/108/EG: *2004/108/EC:*	**EMV-Richtlinie** *EMC Directive*	EN 61000-6-2:2005 EN 61000-6-3:2007+A1 :2011
1999/5/EG: *1999/5/EC:*	**Funk & Telekommunikations-Richtlinie** *R & TTE Directive*	EN 50364:2010, EN 62311:2008, EN 60950-1:2006+A11:2009+A1:2010+A12:2011, EN 301 489-1 V1.8.1:2008-04, EN 301 489-1 V1.9.2:2011-09, EN 301 489-3 V1.6.1:2013-08, EN 301 489-17 V2.2.1:2012-09, EN 300 328 V1.8.1:2012-06, EN 300 330-2 V1.5.1:2010-02
2011/65/EU *2001/65/EU*	**RoHS-Richtlinie** *RoHS Directive*	

Überwachung der Qualitätssicherung Produktion durch
Surveillance of Quality Assurance Production by

DEKRA EXAM GmbH
Dinnendahlstraße 9
D-44809 Bochum
0158

Lübeck, 2015-01-09

Ort und Datum (jjjj-mm-tt)
Place and date (yyyy-mm-dd)

Dr. Hermann Hopermann
Leiter
Forschung & Entwicklung
Persönliche Schutzausrüstung

Dr. Hermann Hopermann
Director
Research & Development
Personal Protective Equipment

2 USA

“Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.”

“This device complies with part 15 of the FCC Rules and Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1 This device may not cause harmful interference, and
2 this device must accept any interference received, including interference that may cause undesired operation.”

“EMC” related:

“Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.”

3 Canada

“Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1 l'appareil ne doit pas produire de brouillage, et
2 l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. “

“This device complies with part 15 of the FCC Rules and Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1 This device may not cause harmful interference, and
2 this device must accept any interference received, including interference that may cause undesired operation.”

4 Mexico

“La operación de este equipo está sujeta a las siguientes dos condiciones:

1 es posible que este equipo o dispositivo no cause interferencia perjudicial y
2 este equipo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.”

“No. de Homologación IFT: RCPDRDR16-0964”

NIOSH Approval Label

Dräger Safety AG & Co. KGaA
D-23560 Lübeck, Germany
Phone: 011 49 451 882-0
or USA 1-800-1-800-437-2437

THESE RESPIRATORS ARE APPROVED IN FOLLOWING CONFIGURATIONS

Respirator Components

TC-	PROTECTION [1]	BASIC UNIT	ALTERNATE FACEPIECE																		FILTER	ALTERNATE GAS CARTRIDGES		ALTERNATE COMBINED FILTER CARTRIDGES			ALTERNATE BATTERIES		ALTERNATE HOSES						ALTERNATE CARRYING HARNESS			ALTERNATE VISOR	ACCESSORIES															Cautions and Limitations [2]
		R59500	R59820	R59830	R59860	R59870	R59800	R59810	R59840	R59850	R58325	R59910	R59920	R59900	R56502	R56310	R56503	R55800	R55795	R55790	6739540	6739575	6739590	6739565	6739560	6739570	R59565	R59585	R59620	R59600	R59640	R59650	R59630	R59610	R59700	R59710	R59720	R58332	R59750	R59566	R59563	R59564	R59730	R59863	R59760	R59740	R59670	R59660	6739605	6739600	R58328	R58329	R59580	
		Dräger X-plore 8500 Blower unit for PAPR X-plore 8000 system; water and du	Dräger X-plore 8000 Standard hood, long (S/M)	Dräger X-plore 8000 Standard hood, long (L/XL)	Dräger X-plore 8000 Premium hood, long (S/M)	Dräger X-plore 8000 Premium hood, long (L/XL)	Dräger X-plore 8000 Standard hood, short (S/M)	Dräger X-plore 8000 Standard hood, short (L/XL)	Dräger X-plore 8000 Premium hood, short (S/M)	Dräger X-plore 8000 Premium hood, short (L/XL)	Dräger X-plore 8000 Helmet with PC visor, black	Dräger X-plore 8000 Helmet with PC visor, white	X-plore 8000 welding visor ADF	Dräger X-plore 8000 Protective Visor	FPS 7000-RA-EPDM-S1-PC-CR	FPS 7000-RA-EPDM-M2-PC-CR	FPS 7000-RA-EPDM-L2-PC-CR	Dräger X-plore 6300 EPDM/PMMA	Dräger X-plore 6530 EPDM/PC	Dräger X-plore 6570 SI/PC	Dräger X-plore 8000 Filter HE	Dräger X-plore 8000 Filter OV	Dräger X-plore 8000 Filter CL/HF/AM/MA/FM/HS/SD/HC	Dräger X-plore 8000 Filter OV/AG/HE	Dräger X-plore 8000 Filter OV/HE	Dräger X-plore 8000 Filter CL/HF/AM/MA/FM/HS/SD/HC/HE	Dräger X-plore 8000 Standard battery (4 h Rechargeable Batteries)	Dräger X-plore 8000 High capacity battery (8 h Rechargeable Batteries)	Dräger X-plore 8000 Standard hose (for Hoods)	Dräger X-plore 8000 Flexible hose (for Hoods)	Dräger X-plore 8000 Standard hose (for Helmets and Visors)	Dräger X-plore 8000 Flexible hose (for Helmets and Visors)	Dräger X-plore 8000 Standard hose (for FFM)	Dräger X-plore 8000 Flexible hose (for FFM)	Dräger X-plore 8000 Standard belt	Dräger X-plore 8000 Decon belt	Dräger X-plore 8000 Welding belt	Spare visor AC for X-plore 8000 Helmet with visor	Belt extension for X-plore 8000 Standard belt	Dräger X-plore 8000 Flow measurement tube	Dräger X-plore 8000 Plug (hose connection opening)	Dräger X-plore 8000 Plug (blower inlet opening)	Dräger X-plore 8000 Comfort pad	Protective foils for X-plore 8000 Hood	Belt extension for X-plore 8000 Decon belt, 35 cm	Dräger X-plore 8000 Shoulder carrying system, all belts	Dräger X-plore 8000 Hose Cover, disposable	Dräger X-plore 8000 Hose cover, spark proof	Dräger X-plore 8000 Odour Filter	Splashguard lid for odour filter	Protective foils for X-plore 8000 Helmet with visor and Protective visor	Ear Muffs for X-plore 8000 Helmet with visor, pair	Dräger X-plore 8000 Standard Charger	
21C-0971	HE	X	X	X	X	X															X						X	X	X	X					X	X	X		X	X	X	X	X	X	X	X	X	X	X	X			X	ABCFIJLMNOP
23C-3098	OV/CL/SD/HC/HE	X	X	X	X	X																		X			X	X	X	X					X	X	X		X	X	X	X	X	X	X	X	X	X					X	ABCFHIJLMNOP
21C-0972	HE	X					X	X	X	X											X						X	X	X	X					X	X	X		X	X	X	X	X	X	X	X	X	X	X	X			X	ABCFIJLMNOP
23C-3099	OV/CL/SD/HC/HE	X					X	X	X	X														X			X	X	X	X					X	X	X		X	X	X	X	X	X	X	X	X	X					X	ABCFHIJLMNOP
23C-3134	OV/HE	X	X	X	X	X																			X		X	X	X	X					X	X	X		X	X	X	X	X	X	X	X	X	X					X	ABCFHIJLMNOP
23C-3135	OV/HE	X					X	X	X	X															X		X	X	X	X					X	X	X		X	X	X	X	X	X	X	X	X	X					X	ABCFHIJLMNOP
23C-3136	CL/HF/AM/MA/FM/HS/ SD/HC	X	X	X	X	X																	X				X	X	X	X					X	X	X		X	X	X	X	X	X	X	X	X	X					X	ABCFHIJLMNO
23C-3137	CL/HF/AM/MA/FM/HS/ SD/HC	X					X	X	X	X													X				X	X	X	X					X	X	X		X	X	X	X	X	X	X	X	X	X					X	ABCFHIJLMNO
23C-3138	OV	X	X	X	X	X																X					X	X	X	X					X	X	X		X	X	X	X	X	X	X	X	X	X					X	ABCFHIJLMNO
23C-3139	OV	X					X	X	X	X												X					X	X	X	X					X	X	X		X	X	X	X	X	X	X	X	X	X					X	ABCFHIJLMNO
23C-3140	CL/HF/AM/MA/FM/HS/ SD/HC/HE	X	X	X	X	X																				X	X	X	X	X					X	X	X		X	X	X	X	X	X	X	X	X	X					X	ABCFHIJLMNOP
23C-3141	CL/HF/AM/MA/FM/HS/ SD/HC/HE	X					X	X	X	X																X	X	X	X	X					X	X	X		X	X	X	X	X	X	X	X	X	X					X	ABCFHIJLMNOP
21C-0978	HE	X									X	X									X						X	X			X	X			X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	ABCFIJLMNOP
23C-3142	OV/HE	X									X	X													X		X	X			X	X			X	X	X	X	X	X	X	X	X		X	X	X	X			X	X	X	ABCFHIJLMNOP
23C-3143	CL/HF/AM/MA/FM/HS/SD/HC	X									X	X											X				X	X			X	X			X	X	X	X	X	X	X	X	X		X	X	X	X			X	X	X	ABCFHIJLMNO
23C-3144	OV	X									X	X										X					X	X			X	X			X	X	X	X	X	X	X	X	X		X	X	X	X			X	X	X	ABCFHIJLMNO
23C-3145	CL/HF/AM/MA/FM/HS/SD/HC/HE	X									X	X														X	X	X			X	X			X	X	X	X	X	X	X	X	X		X	X	X	X			X	X	X	ABCFHIJLMNOP
23C-3146	OV/CL/HC/SD/HE	X									X	X												X			X	X			X	X			X	X	X	X	X	X	X	X	X		X	X	X	X			X	X	X	ABCFHIJLMNOP
21C-DRA190	HE	X												X							X						X	X			X	X			X	X	X		X	X	X	X	X		X	X	X	X	X	X	X		X	ABCFIJLMNOP
23C-DRA191	OV/HE	X												X											X		X	X			X	X			X	X	X		X	X	X	X	X		X	X	X	X			X		X	ABCFHIJLMNOP
23C-DRA209	CL/HF/AM/MA/FM/HS/SD/HC	X												X									X				X	X			X	X			X	X	X		X	X	X	X	X		X	X	X	X			X		X	ABCFHIJLMNO
23C-DRA210	OV	X												X								X					X	X			X	X			X	X	X		X	X	X	X	X		X	X	X	X			X		X	ABCFHIJLMNO
23C-DRA211	CL/HF/AM/MA/FM/HS/SD/HC/HE	X												X												X	X	X			X	X			X	X	X		X	X	X	X	X		X	X	X	X			X		X	ABCFHIJLMNOP
23C-DRA212	OV/CL/HC/SD/HE	X												X										X			X	X			X	X			X	X	X		X	X	X	X	X		X	X	X	X			X		X	ABCFHIJLMNOP
21C-DRA188	HE	X											X								X						X	X			X	X					X			X	X	X				X		X	X	X			X	ABCFIJLMNOP
21C-DRA181	HE	X													X	X	X				X						X	X					X	X	X	X	X		X	X	X	X	X		X	X	X	X	X	X			X	ABCFIJLMNOP
23C-DRA183	OV/HE	X													X	X	X								X		X	X					X	X	X	X	X		X	X	X	X	X		X	X	X	X					X	ABCFHIJLMNOP
23C-DRA213	CL/HF/AM/MA/FM/HS/SD/HC	X													X	X	X						X				X	X					X	X	X	X	X		X	X	X	X	X		X	X	X	X					X	ABCFHIJLMNO
23C-DRA214	OV	X													X	X	X					X					X	X					X	X	X	X	X		X	X	X	X	X		X	X	X	X					X	ABCFHIJLMNO
23C-DRA215	CL/HF/AM/MA/FM/HS/SD/HC/HE	X													X	X	X									X	X	X					X	X	X	X	X		X	X	X	X	X		X	X	X	X					X	ABCFHIJLMNOP
23C-DRA216	OV/CL/HC/SD/HE	X													X	X	X							X			X	X					X	X	X	X	X		X	X	X	X	X		X	X	X	X					X	ABCFHIJLMNOP
21C-DRA184	HE	X																X	X	X	X						X	X					X	X	X	X	X		X	X	X	X	X		X	X	X	X	X	X			X	ABCFIJLMNOP
23C-DRA185	OV/HE	X																X	X	X					X		X	X					X	X	X	X	X		X	X	X	X	X		X	X	X	X					X	ABCFHIJLMNOP
23C-DRA217	CL/HF/AM/MA/FM/HS/SD/HC	X																X	X	X			X				X	X					X	X	X	X	X		X	X	X	X	X		X	X	X	X					X	ABCFHIJLMNO
23C-DRA218	OV	X																X	X	X		X					X	X					X	X	X	X	X		X	X	X	X	X		X	X	X	X					X	ABCFHIJLMNO
23C-DRA219	CL/HF/AM/MA/FM/HS/SD/HC/HE	X																X	X	X						X	X	X					X	X	X	X	X		X	X	X	X	X		X	X	X	X					X	ABCFHIJLMNOP
23C-DRA220	OV/CL/HC/SD/HE	X																X	X	X				X			X	X					X	X	X	X	X		X	X	X	X	X		X	X	X	X					X	ABCFHIJLMNOP

1. Protections

HE-High Efficiency Particulate Air filter for powered air-purifying respirators

OV - Organic Vapor CL - Chlorine SD - Sulfur Dioxide HC - Hydrogen Chloride HF - Hydrogene Fluoride AM - Ammonia MA - Methylamine FM - Formaldehyde HS - Hydrogen Sulfide

2. Cautions and Limitations

A - Not for use in atmospheres containing less than 19.5 percent oxygen.
B - Not for use in atmospheres immediately dangerous to life or health.
C - Do not exceed maximum use concentrations established by regulatory standards.
F - Do not use powered air-purifying respirators if airflow is less than four cfm (115 lpm) for tight fitting facepieces or six cfm (170 lpm) for hoods and/or helmets.
H - Follow established cartridge and canister change schedules or observe ESLI to ensure that cartridges and canisters are replaced before breakthrough occurs.
I - Contains electrical parts that may cause an ignition in flammable or explosive atmospheres.
J - Failure to properly use and maintain this product could result in injury or death.
L - Follow the manufacturer's User's Instructions for changing cartridges, canister and/or filters.
M - All approved respirators shall be selected, fitted, used, and maintained in accordance with MSHA, OSHA, and other applicable regulations.
N - Never substitute, modify, add, or omit parts. Use only exact replacement parts in the configuration as specified by the manufacturer.
O - Refer to User's Instructions, and/or maintenance manuals for information on use and maintenance of these respirators.
P - NIOSH does not evaluate respirators for use as surgical masks.

90 31 316 - SD 1412.870

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