

**Declaration of conformity**  
**Directive 2014/34/UE "Potentially explosive atmosphere"**



The company:

**WAIRCOM MBS S.p.A.**  
**Via Piemonte, 13/15 - 20070**  
**Vizzolo Predabissi (MI) - Italy**  
**Phone: +39 02.98.23.08.21 Fax: +39 02.98.23.08.30**  
**Email/web: [info@waircom-mbs.com](mailto:info@waircom-mbs.com) - [www.waircom-mbs.com](http://www.waircom-mbs.com)**

Declares under its own responsibility that the below products:

**Cylinders series:** U, P, X, XT, XL, CPA, BU, HB, Z, AU, AP, AX, C, BG  
**Valves series:** SK, S8, EK, UK, UDS-ISO, M, CA, EL, MEV, MEK, UL, US, DM, UM, PC  
**Air treatment series:** UZ, EZ  
**Coils series:** USB, USBG, USBG2  
**Connectors series:** MEK192/N, USR102/N9, ULR1B

are comply with the following EC Directive:

**2014/34/UE** of the european parliament and of the council of 26 February 2014 on the harmonisation of the laws of the Member States relating to equipment and protective systems intended for use in potentially explosive atmospheres (recast) (Text with EEA relevance)

and also the above-mentioned products fully comply, or just for applicable parts, to the following standards:

**EN IEC 60079-0**

Explosion atmospheres - Part 0: Equipment - General requirements

**EN IEC 60079-15**

Explosion atmospheres - Part 15: Equipment protection by type of protection "n"

**CEI EN 60079-31**

Explosion atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

**UNI CEI EN ISO 80079-36**

Explosion atmospheres - Part 36: Non-electrical equipment for explosive atmospheres – Basic method and requirements







**UNI CEI EN ISO 80079-37**













Explosion atmospheres - Part 37: Non-electrical equipment for explosive atmospheres – Non-electrical type of protection constructional safety "c", control of ignition sources "b", liquid immersion "k".

The technical file is kept at Eurofins Product Testing Italy - Via Cuornè, 21, 10156, Torino, Italy.

Receipt No. "EPT 21 ATEX 4168"



The identification number of the technical file is "INT-2020"

CYLINDERS SERIES:		ATEX MARKING:
<b>U</b>	Cylinders to ISO 6432 standard	 II 2G Ex h IIC T5 Gb -20°C≤Ta≤80°C  II 2D Ex h IIIC T100°C Db
<b>P</b>	Round cylinders	
<b>XL</b>	Tie rod cylinders to ISO 15552 standard	
<b>CPA</b>	Twin rod cylinders	
<b>BU</b>	Compact cylinders to AFNOR NF E49-004-1 and NF E49-004-2 standards	
<b>HB</b>	Screwed –head cylinders	
<b>AX</b>	Stainless steel cylinders to ISO 15552 standard	
<b>AU</b>	Stainless steel cylinders to ISO 6432 standard	
<b>AP</b>	Stainless steel round cylinders	
<b>Z</b>	Rodless cylinders	
<b>X</b>	"Clean profile" cylinders to ISO 15552 standard	 II 2G Ex h IIC T5 Gb -35°C≤Ta≤80°C  II 2D Ex h IIIC T100°C Db
<b>XT</b>	"Mickey Mouse" profile with TEE-slot cylinders to ISO 15552 standard	
<b>BG</b>	Compact guided cylinders	 II 3G Ex h IIC T5 Gc -20°C≤Ta≤80°C  II 3D Ex h IIIC T100°C Dc
<b>C</b>	Cartridge cylinders	

VALVES SERIES		ATEX MARKING:
<b>EK*</b>	Spool valves pilot and solenoid actuated	 II 2G Ex h IIC T5 Gb -20°C≤Ta≤60°C  II 2D Ex h IIIC T100°C Db X
	Spool valves manually and mechanically actuated	
<b>UK</b>	Poppet valves pilot and solenoid actuated	
<b>CA</b>	Poppet valves manually and mechanically actuated	
<b>M</b>	Minivalves manually and mechanically actuated	
<b>EL</b>	Pneumatic logic elements	
<b>MEV*</b>	Spool compact valves pilot and solenoid actuated and to ISO 15407-2 standard	 II 2G Ex h IIC T5 Gb -10°C≤Ta≤60°C  II 2D Ex h IIIC T100°C Db X
<b>MEK*</b>	Spool compact valves pilot and solenoid actuated	
<b>SK*</b>	Spool compact valves pilot and solenoid actuated	
<b>UDS-ISO*</b>	Valves to ISO5599/1 standard pilot and solenoid actuated	 II 2G Ex h IIC T5 Gb -20°C≤Ta≤50°C  II 2D Ex h IIIC T100°C Db X
<b>C/*</b>	Direct acting solenoid valves with sleeve Ø9 mm	
<b>PC</b>	Valves pedal actuated	 II 2G Ex h IIC T5 Gb -10°C≤Ta≤50°C  II 2D Ex h IIIC T100°C Db X
<b>MEV**</b>	Spool compact valves pilot and solenoid actuated and to ISO 15407-2 standard	 II 3G h Ex nA IIC T5 Gc -5°C≤Ta≤50°C  II 3D h Ex tc IIIC T100°C IP65 Dc
<b>MEK**</b>	Spool compact valves pilot and solenoid actuated	
<b>SK**</b>	Spool compact valves pilot and solenoid actuated	
<b>S8</b>	Manifold mounting of valves with multi-pin connection	
<b>DM</b>	Direct acting solenoid valves 10 mm	
<b>UM</b>	Direct acting solenoid valves 15 mm	
<b>UL</b>	Direct acting solenoid valves side 32 mm	
		 II 3G h Ex nA IIC T4 Gc -20°C≤Ta≤50°C  II 3D h Ex tc IIIC T135°C IP65 Dc





\* exclusively in their not-electrical part



\*\* with 15 mm solenoids

FRL SERIES		ATEX MARKING:
<b>UZ*</b>	FRL G1/4"	 II 2G Ex h IIC T5 Gb -10°C≤Ta≤50°C  II 2D Ex h IIIC T100°C Db X
<b>EZ*</b>	FRL G3/8" – G1/2" – G1"	

\* exclusively in their not-electrical part

\*\* with 15 mm solenoids

COILS SERIES		ATEX MARKING:
<b>USB</b>	Coils side 22 mm for solenoid valves with sleeve Ø9 mm	 II 3G Ex nA IIC T4 Gc -30°C≤Ta≤40°C  II 3D Ex tc IIIC T135°C IP65 Dc
<b>USBG</b>	Coils side 30 mm for solenoid valves with sleeve Ø9 mm	
<b>USBG2</b>	Coils side 30 mm for solenoid valves with sleeve Ø9 mm	 II 2G Ex mb IIC T5 Gb -50°C≤Ta≤40°C  II 2D Ex tb IIIC T95°C IP65 Db

CONNECTORS SERIES		ATEX MARKING:
<b>MEK192/N</b>	Connectors to DIN 43650-C standard	 II 2G IIC T6 Gb  II 2D Ex tb IIIC T85°C IP65/IP67 Db
<b>USR102/N9</b>	Connectors to DIN 43650-B standard	
<b>ULR1B</b>	Connectors to DIN 43650-A standard	