
	<p>Translation of the original declaration</p> <p>UK/EU declaration of conformity acc. to 2014/34/EU and 2011/65/EU</p> <p>declaration of incorporation of a partly completed machinery acc. to 2006/42/EC, II, 1b</p>	
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Manufacturer: **EMG Automation GmbH**
Industriestraße 1
D-57482 Wenden
Deutschland






Product: **Electro-hydraulic thrusters ELDRO® EdEx **/** und EdEx **/** HV**

Device type: **EdEx 32; EdEx 50; EdEx 80; EdEx 125; EdEx 150; EdEx 200; EdEx 250; EdEx 320**

UK/EU declaration of conformity

This Declaration of Conformity is issued under the sole responsibility of the manufacturer. The manufacturer expressly declares that the product complies with the following relevant harmonisation regulations of the European Union and the enactments of the United Kingdom.:

- **2011/65/EU RoHS Directive**
DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 8 June 2011 restriction of the use of certain hazardous substances in electrical and electronic equipment (recast)
- **The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012**
- **2014/34/EU Equipment for potentially explosive atmospheres (ATEX)**
DIRECTIVE 2014/34/EU 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)
- **Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations 2016**

Marking gas:	EdEx...	EdEx...HV
 II 2G Ex h db eb IIC T4 Gb	X	-
 II 2G Ex h db IIC T4 Gb	X	X
Marking dust:		
 II 2D Ex h tb IIIC T130°C Gb	X	-
Marking mining:		
 I M2 Ex h db eb I Mb	X	-
 I M2 Ex h db I Mb	X	X

The notified body DEKRA Testing and Certification GmbH (Number: 0158) has done a EU-type examination and given the confirmation: BVS 05 ATEX E 074 X

This product is manufactured according to quality control system production (Annex IV of ATEX-Directive). This has been acknowledged by the notified body DEKRA Testing and Certification GmbH (Number: 0158).

Declaration of incorporation of a partly completed machinery

Complementary declares the manufacturer that this product is complying with the following essential requirements of:

- **2006/42/EC Machinery directive**
DIRECTIVE 2006/42/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 17 May 2006 on machinery, and amending Directive 95/16/EC (recast)
Annex I: 1.1.2., 1.1.3., 1.1.5., 1.3.1., 1.3.2., 1.3.4., 1.3.9., 1.5.1., 1.5.4., 1.5.6., 1.5.8., 1.6.1., 1.7.1., 1.7.1.1, 1.7.2., 1.7.3
- **Supply of Machinery (Safety) Regulations 2008**

The safety objectives set out in the Low Voltage Directive 2014/35/EU / Electrical Equipment (Safety) Regulations 2016 have been complied in accordance with Annex I, No. 1.5.1 of the Machinery Directive 2006/42/EC.

The relevant technical documentation according to part B of Annex VII of the Machinery Directive 2006/42/EG were created and be transmitted in electronic/paper form to the national authorities in response to a reasoned request.

The partly completed machinery must not be put into service until the final machinery into which it is to be incorporated has been declared in conformity with the provisions of Directive 2006/42/EC on Machinery, where appropriate.

The following harmonised standards were applied:

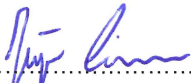
EN ISO 12100:2010 BS EN ISO 12100: 2010	Safety of machinery — General principles for design — Risk assessment and risk reduction
EN 60204-1:2018 / BS EN 60204-1:2018	Safety of machinery — Electrical equipment of machines — Part 1: General requirements
EN IEC 60079-0: 2018 BS EN IEC 60079-0:2018	Explosive atmospheres - Part 0: Equipment - General requirements
EN 60079-1:2014 BS EN 60079-1:2014	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
EN IEC 60079-7:2015 / A1:2018 BS EN IEC 60079-7:2015 / A1:2018	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
EN 60079-31:2014 BS EN 60079-31:2014	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
EN ISO 80079-36:2016 BS EN ISO 80079-36:2016	Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres - Basic method and requirements
EN ISO 80079-37:2016 BS EN ISO 80079-37:2016	Explosive 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"
EN ISO/IEC 80079-38:2016 / A1:2018 BS EN ISO/IEC 80079-38:2016 / A1:2018	Explosive atmospheres - Part 38: Equipment and components in explosive atmospheres in underground mines

Person who is authorised to compile the technical file: Uwe Wurster

Wenden, 11.02.2022


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Ingo Koesfeld – Managing director


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Jürgen Simon – Managing director