EU Declaration of Conformity

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The Rotative Measuring System Series **AD_75+FS**

Type: ADV75M, ADH75M
Order-No.: ADV75M-xxxxx, ADH75M-xxxxx
Serial-No.: xxxxx

was developed, designed and manufactured to comply with the EU regulations and directives

Electromagnetic Compatibility (EMC)	**2014/30/EU**	(L 96/79)
Machinery Regulations	**(EU) 2023/1230**	(L 165/1)
Equipment and protective systems intended for use in potentially explosive atmospheres (ATEX)	**2014/34/EU**	(L 96/309)
Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)	**2011/65/EU**	(L 174/88)
Cyber Resilience Act - Regulation (CRA)	**(EU) 2024/2847**	(L)

under the sole responsibility of

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Germany

The following harmonized standards were applied:

EN 61000-6-2:2005 + AC:2005 with increased test standards: DIN EN 61000-6-7:2015 + Cor 1:2021	Generic standards - Electromagnetic compatibility, Immunity (Industrial environments)
EN 61000-6-3:2007 + A1:2011	Generic standards - Electromagnetic compatibility, Emissions (Commercial environments)
EN 61800-5-2:2007	Adjustable speed electrical power drive systems Safety requirements - Functional
EN ISO 13849-1:2023	Safety of machinery - Safety-related parts of control systems General principles for design
EN ISO 20607:2019	Safety of machinery - Instruction handbook - General drafting principles
EN IEC 60079-0:2018	Explosive atmospheres Part 0: Equipment - General requirements
EN IEC 60079-7:2015 + A1:2018	Explosive atmospheres Part 7: Equipment protection by increased safety "e"
EN 60079-15:2010	Explosive atmospheres Part 15: Equipment protection by type of protection "n"
EN 60079-31:2014	Explosive atmospheres Part 31: Equipment dust ignition protection by enclosure "t"
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Other applied standards:

DIN EN 61508 Part 1-7: 2011	Functional safety of electrical/electronic/programmable electronic safety-related systems
EN 60204-1: 2018 + A1:2025	Safety of machinery - Electrical equipment of machines General requirements
EN IEC 62061:2021 + A1:2024	Safety of machinery - Functional safety of safety-related control systems
DIN EN IEC 60079-14:2021	Explosive atmospheres Part 14: Electrical installations design, selection and erection
DIN EN 60529: 2014	Degrees of protection provided by enclosures (IP code)
DIN EN 61800-5-2:2017	Adjustable speed electrical power drive systems - Part 5-2: Safety requirements - Functional
E DIN EN 50742:2026	Safety of machinery - Protection against corruption
BSI TR-03183-1, Version 0.10.0	Cyber Resilience Requirements for Manufacturers and Products - Part 1: General requirements
BSI TR-03183-2, Version 2.1.0	Cyber Resilience Requirements for Manufacturers and Products - Part 2: Software Bill of Materials
BSI TR-03183-3, Version 1.0.0	Cyber Resilience Requirements for Manufacturers and Products - Part 3: Vulnerability Reports and Notifications
prEN 40000-1-3:2025	Cybersecurity requirements for products with digital elements - Part 1-3: Vulnerability Handling

The products are marked additionally with the following characteristics on the ATEX name plate:

II 3G Ex _ IIC T6 X; II 3D Ex tc IIIC T82°C IP64 X

The EU type examination and certification according to the EU machinery regulations as a safety component was carried out by the notified body:

TÜV Rheinland Industrie Service GmbH,
Am Grauen Stein
51105 Köln / Germany
Notified Body Nr.: 0035
Certificate-No.: 01/205/5518.xx/xx

Authorized to compile the technical file:
TR Electronic GmbH, Eglishalde 6, 78647 Trossingen, Germany

Trossingen, 11/10/2026

Mr. Klaus Tessari, CEO