EU Declaration of Conformity

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

The Rotative Measuring Systems **AD_88+FS**

Type: ADV88, ADS88
Order-No.: ADV88*-*****, ADS88*-*****
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

TR Electronic GmbH
Eglishalde 6
D - 78647 Trossingen
Tel.: +49 7425/228-0
Fax: +49 7425/228-33
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 (EMC) Immunity (industrial environment)
EN 61000-6-3:2007/A1:2011	Generic standards - Electromagnetic compatibility (EMC) Emission (residential environment)
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 Equipment - General requirements
EN 60079-1: 2014	Explosive atmospheres Equipment protection by flameproof enclosures "d"
EN 60079-31:2014	Explosive atmospheres 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 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 name plate:

Ex II 2G Ex db IIC T6 Gb; Ex II 2D Ex tb IIIC T80°C Db

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

NB0637, IBExU Institut für Sicherheitstechnik GmbH,
Fuchsmühlenweg 7,
09599 Freiberg, GERMANY
No. of the EU type-examination certificate: IBExU 11 ATEX 1125 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 (internal 75 series)

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

Trossingen, 11/10/2026

Mr. Klaus Tessari, CEO