

Electromagnetic Compatibility (EMC) Directive 2014/30/EU, Directive 2014/34/EU on equipment and protective systems intended for use in potentially explosive atmospheres (ATEX) and Directive (RoHS) 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

a) The manufacturer

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b) The Products Covered by this Declaration

Radar level meter
GRLM-70Xt (XtT)

c) Product brief

Radar level meter with guided wave GRLM-70Xt (XtT) is intended to continuous level measurement of liquids and bulk-solid materials.

d) The Basis on which Conformity is being Declared

Intrinsic safety: EN IEC 60079-0:2018
EN 60079-31:2014

Electromagnetic compatibility: EN 55011:2009-class B
EN 61326-1:2013
EN 61000-4-2:2009 Criterion A
EN 61000-4-3:2006 + A1:2007 + A2:2010 Criterion A
EN 61000-4-4:2004 + A1:2010 Criterion A
EN 61000-4-5:2006 Criterion A
EN 61000-4-6:2009 Criterion A

e) Details of accredited person

Intrinsic safety: Notified Body No. NB 1026, FTZÚ (Physical-Technical Testing Institute), Pikartská 1337/7,
716 07 Ostrava-Radvanice, Czech Republic.
EC-Type Examination Certificate No. FTZÚ 15 ATEX 0207X from 25. 11. 2015,
Supplement No. 1 from 19. 3. 2021.

Electromagnetic compatibility: Accredited testing laboratory No. 1004.3, Institute for testing and certification, a.s.,
Sokolovská 573, 686 01 Uherské Hradiště, Czech Republic, ID: 47910381.
EMC protocol No. 414102300AE1 from 29. 7. 2013.

f) Special conditions for safe use

 II 1/2D Ex ta/tb IIIC T 75 °C... T 300 °C Da/Db

Ambient temperature of housing Ta: -30 °C...+70 °C.

Maximum surface temperature - see operating instruction GRLM-70.

When is used variant with sight glass cover, the housing shall be protected against direct sunlight.

The housing must be installed to avoid a risk from propagating brush discharges for application in explosive dust atmosphere.

g) Ensure production quality

The manufacturer's quality management system was found to comply with the requirements of EN ISO 9001:2016. The company holds the quality management system certificate, reg. number CQS 2191/2024, dated October 13, 2024, and valid until October 12, 2027, issued by the certification body CQS (IQNet). The certificate is valid for the development, manufacture, and sale of electronic components and systems for measurement, control, and industrial automation.

For products in potentially explosive atmospheres are to quality management system according to ISO 9001 applied special requirements according to EN ISO/IEC 80079-34:2020. The manufacturer got QUALITY ASSURANCE NOTIFICATION No. "FTZÚ 02 ATEX Q 016", issued by the Notified Body NB 1026 FTZÚ Ostrava-Radvanice. The notification is issued for protective systems intended for use in potentially explosive atmospheres acc. to Directive 2014/34/EU. The notice applies to a group of products with the type of explosion protection – Intrinsic safety "i" Protection with enclosure "t" and was issued on the basis of the audit protocol No. FTZÚ 02/ATEXQ/016 issued on 16. 6. 2023 and valid until 30. 6. 2026.

h) Manufacturer confirmation

The manufacturer identified in paragraph a) of this statement confirms that the properties of the product identified in point b) and c) of this declaration, meet the requirements, concretized in European technical standards identified in paragraph d) of this statement.

The product is under manufacturer's intended use safe. The manufacturer confirms that he has taken actions to ensure conformity of all products put on the market with technical documentation and the basic requirements.

Issued in Zlín, on March 1, 2025.



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General manager