

Electromagnetic Compatibility (EMC) Directive 2014/30/EU and Directive (RoHS) (EU) 2015/863 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

Antenna radar level meter

ARLM-54N

c) Product brief

The ARLM-54 radar level meter works on the FMCW (frequency modulated continuous wave) principle with a frequency of 25 GHz (K-Band). The ARLM-54 is intended for measuring the level of liquid and pasty substances.

d) The Basis on which Conformity is being Declared

Electromagnetic compatibility: EN IEC 61326-1:2021
ETSI EN 301 489-1 v2.1.1:2017
EN 55011:2016 + A1:2017 + A11:2020 + A2:2022-class B
EN 55032:2015 + A1:2020-class B
EN 61000-4-2:2008 criterion A
EN IEC61000-4-3:2020 criterion A
EN 61000-4-4:2012 criterion B
EN 61000-4-5:2014 + A1:2017 criterion B
EN 61000-4-6:2014 criterion A

e) Details of accredited person

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. 414105432AE1 from 21. 2. 2024.

f) 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.

g) 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.

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Ing. Dalibor Štverka, Ph.D.
General manager