

Electromagnetic Compatibility (EMC) Directive 2014/30/EU 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

Capacitive level switches

RFLS-53N

c) Product brief

Capacitive level switches RFLS-53 are intended for limit level sensing of bulk-solid, fragmental and extruded materials.

d) The Basis on which Conformity is being Declared

Safety standard: EN 61010-1 (only for RFLS-53N-1-RE(SSR))

Electromagnetic compatibility: EN 55011 class A
EN 61326-1 industrial areas
EN 61000-4-2 Criterion A
EN 61000-4-3 Criterion A
EN 61000-4-4 Criterion A
EN 61000-4-5 Criterion A
EN 61000-4-6 Criterion A
EN 61000-4-8 Criterion A
EN 61000-4-11 Criterion A, B

e) Details of accredited person

Electrical safety:

Accredited testing laboratory No. 1004.3, Institute for testing and certification, a.s., Sokolovská 573, 686 01 Uherské Hradiště, Czech Republic, ID: 47910381.
Safety standard protocol No. 414104665AL1 from 12. 04. 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. 414104559AE1 from 15. 10. 2020.

f) Ensure production quality

Manufacturer's quality management system was found conform with the requirements of EN ISO 9001: 2016. The company is holder of the certificate of quality management system, reg. number CQS 2201/2021 dated 13.10.2021 and valid until 12. 10. 2024, issued by certification body CQS (IQNet). The certificate is valid for the development, manufacture and sales 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.

Issued in Zlín, on 26. 10. 2021



Ing. Dalibor Štverka, Ph.D.
General manager