

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

Capacitive level switch

DLS-27Xd-__-D-__-__

c) Product brief

Capacitive level switch DLS-27Xd is an electrical apparatus intended to be used in area where combustible dust is present.

d) The Basis on which Conformity is being Declared

Intrinsic safety: EN IEC 60079-0:2018
EN 60079-11:2012
EN 60079-31:2014

Electromagnetic compatibility: EN 61326-1:1999
EN 55022:1996-class B
EN 61000-4-2:1997
EN 61000-4-3:1997
EN 61000-4-4:1997
EN 61000-4-5:1997
EN 61000-4-6:1997

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 10 ATEX 0092X from 22. 4. 2010, Supplement No. 1
from 30. 6. 2016 and Supplement No. 2 from 24. 1. 2022.

Electromagnetic compatibility: Accredited testing laboratory No. 1032, Mesit QM, spol. s.r.o, Sokolovská 573,
686 01 Uherské Hradiště, Czech Republic, ID: 47910381.
EMC protocol No. 3665/0 from 11. 12. 2000.

f) Special conditions for safe use

II 1/2D Ex ia/tb [ia] IIIC T78°C Da/Db, ambient temperature range: -20°C ≤ Ta ≤ +70°C. The sensor is designed with permanent cable. The cable must be terminated in connection box with degree of protection IP 6X. The cover of sensor shall be protected from daylight.

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.

A handwritten signature in blue ink, consisting of stylized, flowing letters that appear to read 'D. Štverka'.

Ing. Dalibor Štverka, Ph.D.
General manager