



- (1) **EU-Type Examination Certificate**
- (2) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 2014/34/EU**
- (3) Certificate number: **SEV 10 ATEX 0127 X**
- (4) Product: Process pressure transmitter dTRANS p20 Type 403026, JUMO dTRANS p20 DELTA Type 403023
- (5) Manufacturer: JUMO GmbH & Co. KG
- (6) Address: Moritz-Juchheim-Strasse 1, 36039 Fulda, Germany
- (7) The equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) Eurofins, notified body No. 1258, in accordance with article 17 of Directive 2014/34/EU of the European parliament and of the council, dated 26 February 2014, certifies that this product has been found to comply with the essential health and safety requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.  
The examination and test results are recorded in confidential report no 22CH-01294.X15
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:
- EN IEC 60079-0:2018**  
**EN 60079-1:2014**  
**EN 60079-26:2015**  
**EN 60079-31:2014**
- Except in respect of those requirements listed at item 18 of the schedule.
- (10) If the sign «X» is placed after the certificate number, it indicates that the product is subjected to special conditions for safe use specified in the schedule to this certificate. The sign “U” is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.
- (11) This EU type examination certificate relates only to design and construction of the specified product. Further requirements of this directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- (12) The marking of the product shall include the following:

 II 1/2G Ex db IIC T6..T4 Ga/Gb  
II 2D Ex tb IIIC T105 °C Db

**Eurofins Electric & Electronic Product Testing AG**  
**Notified Body ATEX**

Munira Gamma  
Product Certification



(13)

## Appendix

(14)

**EU-Type Examination Certificate no. SEV 10 ATEX 0127 X**

(15) **General product information**

The process pressure transmitter JUMO dTRANS p20 type 403026 or JUMO dTRANS p20 DELTA type 403023 serves for converting a physical measured quantity (pressure) into a standard electrical signal (current signal 4 .. 20 mA). They are intended for use in potentially explosive atmospheres. The precision cast stainless steel enclosure of the pressure transmitter is dust-tight with the minimum type of protection IP66 according to EN 60529.

Classification of installation and use:

fixed installation

Ingress protection:

IP66

### Rated ambient temperature range:

Assignment between the maximum permissible ambient temperature in the electronic enclosure, measuring temperature and the maximum surface temperature for the process pressure transmitter is shown in the following values:

#### For JUMO dTRANS p20 type 403026:

Ambient temperature:

T6: -50 °C ... +60 °C

T5: -50 °C ... +70 °C

T4: -50 °C ... +85 °C

T105: -50 °C ... +85 °C

Maximum permissible measuring substance temperature:

T6: +70 °C

T5: +85 °C

T4: +115 °C

T105: +100 °C

#### For JUMO dTRANS p20 type 403023:

Ambient temperature:

T6: -50 °C ... +60 °C

T5: -50 °C ... +70 °C

T4: -50 °C ... +85 °C

T105: -50 °C ... +85 °C

Maximum permissible measuring substance temperature:

T6: +70 °C

T5: +85 °C

T4: +110 °C

T105: +100 °C

(16) **Report number** 22CH-01294.X15

(17) **“Special conditions for safe use” / “Schedule of limitations”**

In the temperature range of -40 °C to -50 °C the lid with inspection glass of the appliance has to be additionally protected against mechanical impact- respectively collision effect.

Where temperatures higher than +70 °C occur at the cable entry or +80 °C at the junction of the conductors, only a tested and heat-resistant cable must be connected.

Only separately certified cable glands and blanking elements according to Directive 2014/34/EU may be used. Unused openings shall be closed with the aforementioned blanking elements.

(18) **Essential health and safety requirements**

In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

<b>Clause</b>	<b>Subject</b>
None	

(19) **Drawings and Documents**

See test report “Manufacturer’s Documents”