

EU - Type Examination Certificate

- (1)
- (2) Equipment and protective systems intended for use in potentially explosive atmospheres – Directive 2014/34/EU
- (3) EU - Type Examination Certificate Number

EPS 18 ATEX 1 113 X

Revision 0

- (4) Component: Display module, type dTRANS T07 BD7
- (5) Manufacturer: Jumo GmbH & Co. KG
- (6) Address: Moritz-Juchheim-Straße 1
36039 Fulda
Germany
- (7) This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.
- (8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, certifies that this equipment has been found to comply with the essential health and safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential documentation under the reference number 18TH0251.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN 60079-0:2012+A11:2013

EN 60079-11:2012

- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the annex to this certificate.
- (11) This EU - Type Examination Certificate relates only to the design and examination of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.
- (12) The marking of the equipment shall include the following:



II 2G Ex ia IIC T6...T4 Gb



Certification department of explosion protection

H. Schaffer

Nuremberg, 2018-05-29

(13)

Annex

(14) **EU - Type Examination Certificate EPS 18 ATEX 1 113 X**

Revision 0

(15) Description of equipment:

The display, type dTRANS T07 BD7 is used for the configuration of the head-type temperature transmitters of type dTRANS T07 B Ex as well as for the display of transmitter settings.

Electrical data:

Power supply
(CDI connector)

in type of protection Intrinsic Safety Ex ia I only for the connection of certified intrinsically safe circuit

Max. values: (Input)

$U_i = 7.6 \text{ V}$

$I_i = 130 \text{ mA}$

$C_i =$ negligibly small

$L_i =$ negligibly small

maximum internal capacitance

maximum internal inductance

Ambient temperature:

T6: $-40 \text{ °C} \leq T_a \leq +55 \text{ °C}$

T5: $-40 \text{ °C} \leq T_a \leq +70 \text{ °C}$

T4: $-40 \text{ °C} \leq T_a \leq +85 \text{ °C}$

(16) Reference number: 18TH0251

(17) Notes for manufacture, installation and operation:

The display dTRANS T07 BD7 must be installed in such a way that charging/ discharging of electrostatic is avoided.

(18) Essential health and safety requirements:

Met by compliance with standards.



Nuremberg, 2018-05-29