



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEX Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEX EPS 18.0048X

Issue No: 0

Certificate history:

Issue No. 0 (2018-05-29)

Status: **Current**

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Date of Issue: **2018-05-29**

Applicant: **Jumo GmbH & Co. KG**  
Moritz-Juchheim-Straße 1  
36039 Fulda  
Germany

Equipment: **Display module, type dTRANS T07 BD7**

*Optional accessory:*

Type of Protection: **ia**

Marking:  
Ex ia IIC T6...T4 Gb

*Approved for issue on behalf of the IECEX  
Certification Body:*

Holger Schaffer

*Position:*

Head of Certification

*Signature:  
(for printed version)*

*Date:*

2018-05-29



1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEX Website](http://www.iecex.com).

Certificate issued by:

**Bureau Veritas Consumer Products Services Germany GmbH**  
Businesspark A96  
86842 Türkheim  
Germany





# IECEX Certificate of Conformity

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Date of Issue: 2018-05-29 Page 2 of 3  
Manufacturer: **Jumo GmbH & Co. KG**  
Moritz-Juchheim-Straße 1  
36039 Fulda  
Germany

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

#### STANDARDS:

The apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2017 Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0  
IEC 60079-11 : 2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

#### TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

Test Report:

[DE/EPS/ExTR18.0047/00](#)

Quality Assessment Report:

[DE/TUN/QAR13.0005/04](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

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

**SPECIFIC CONDITIONS OF USE: YES as shown below:**

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

### Annex:

[IECEX EPS 18.0048X - Annex.pdf](#)



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)
	$U_i = 7.6 \text{ V}$
	$I_i = 130 \text{ mA}$
	$C_i = \text{negligibly small}$ maximum internal capacitance
	$L_i = \text{negligibly small}$ 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:	$-40 \text{ °C} \leq T_a \leq +85 \text{ °C}$