



# 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 TPS 16.0003X Issue No: 0 Certificate history:  
Issue No. 0 (2016-12-20)

Status: **Current** Page 1 of 3

Date of Issue: **2016-12-20**

Applicant: **ATOS spa**  
via alla Piana 57  
21018 Sesto Calende  
**Italy**

Equipment: **Inductive transducer**  
*Optional accessory:*

Type of Protection: **db, tb**

Marking:  
Ex db IIC T6 Gb  
Ex tb IIIC T85°C Db  
Ex db I Mb

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

Dipl.-Ing. Ulrich Jacobs

*Position:*

Technical Certifier

*Signature:  
(for printed version)*

*Date:*

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:

**TÜV SÜD Product Service GmbH**  
Ridlerstr. 65  
D-80339 Munich  
Germany



Product Service



# IECEx Certificate of Conformity

Certificate No: IECEx TPS 16.0003X Issue No: 0  
Date of Issue: 2016-12-20 Page 2 of 3  
Manufacturer: **ATOS spa**  
via alla Piana 57  
21018 Sesto Calende  
**Italy**

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 electrical 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:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2014-06</b> Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-31 : 2013</b> Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

*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:

[HR/EXA/ExTR16.0015/00](#)

Quality Assessment Report:

[IT/CES/QAR10.0003/06](#)



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## Schedule

### EQUIPMENT:

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

The inductive transducer type ETHA-15 is used for the detection of the position of the spool of directional or flow control proportional valves.

### CONDITIONS OF CERTIFICATION: YES as shown below:

For  $T_{a \text{ max.}} = +70 \text{ }^{\circ}\text{C}$  a cable with a thermal stability  $\geq +80^{\circ}\text{C}$  shall be used.

Additional information can be found in the annex.

### Annex:

[Annex to CoC\\_ATOS\\_713091470.pdf](#)