



# 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 TUN 14.0032U Issue No: 0 Certificate history:  
Issue No. 0 (2014-10-31)

Status: **Current** Page 1 of 4

Date of Issue: **2014-10-31**

Applicant: **RIBCO S.r.l.**  
Via dei Mille, 12  
20061 Carugate - MI  
**Italy**

Electrical Apparatus: **Rotating joint - TY / TF / TM**  
*Optional accessory:*

Type of Protection: **Ex d, Ex e, Ex tb**

Marking: Ex d I Mb  
Ex d IIC Gb  
Ex e IIC Gb  
Ex tb IIIC Db IP66

Approved for issue on behalf of the IECEx  
Certification Body:

Karl-Heinz Schwedt

Position:

Head of the IECEx Certification Body

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 NORD CERT GmbH**  
Hanover Office  
Am TÜV 1  
30519 Hannover  
Germany





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Date of Issue: 2014-10-31 Page 2 of 4  
Manufacturer: **RIBCO S.r.l.**  
Via dei Mille, 12  
20061 Carugate - MI  
**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 : 2007-04</b> Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-31 : 2008</b> Edition:1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
<b>IEC 60079-7 : 2006-07</b> Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*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/TUN/ExTR14.0041/00](#)

Quality Assessment Report:

[IT/CES/QAR11.0001/03](#)



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## Schedule

### EQUIPMENT:

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

The Rotating Joint series TY, TF and TM are metallic devices used as junction element when a rotation of the conduit or of the connected element is requested after tightening. These product allows a 360° rotation on its own axis to the device connected.

### Type key:

Model (a)	Size of cable entry (b)	Material (c)
TY - Rotating Joint male - female	NPT – ISO METRIC	B -S
TF - Rotating Joint female - female	NPT – ISO METRIC	B -S
TM - Rotating Joint male - male	NPT – ISO METRIC	B -S

### Size of cable entry (b)

Code	Description	Code	Description
1	1/2" NPT	20	M20x1,5
2	3/4" NPT	25	M25x1,5
3	1" NPT	32	M32x1,5
4	1 1/4" NPT	40	M40x1,5
5	1 1/2" NPT	50	M50x1,5
6	2" NPT	63	M63x1,5

### Material (c)

Code	Description
B	Nickel Plated Brass CW614N (OT58)
S	Stainless Steel AISI 316L



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## **Schedule of Limitations**

The rotating joints have been tested with a pressure of 30 bars.

A blanking element shall not be used with the adapter.

**CONDITIONS OF CERTIFICATION: NO**