



(1) **EC-Type-Examination Certificate**

(2) Equipment and protective systems intended for use in potentially explosive atmospheres, **Directive 94/9/EC**

(3) **Certificate Number** TÜV 14 ATEX 149645 U

(4) for the component: Rotating joint – TY / TF / TM


(5) of the manufacturer: **RIBCO S.r.l.**

(6) Address: Via dei Mille, 12  
I-20061 Carugate (MI)

Order number: 8000440006

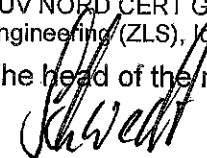
Date of issue: 2014-11-04

- (7) The design of the component and any acceptable variation thereto are specified in the schedule to this EC-Type-Examination Certificate and the documents therein referred to.
- (8) The TÜV NORD CERT GmbH, notified body No. 0044 in accordance with Article 9 of the Council Directive of the EC of March 23, 1994 (94/9/EC), certifies that this component 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 to the Directive. The examination and test results are recorded in the confidential report No. 14 203 149645.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- |                         |                        |                        |
|-------------------------|------------------------|------------------------|
| <b>EN 60079-0:2012</b>  | <b>EN 60079-1:2007</b> | <b>EN 60079-7:2007</b> |
| <b>EN 60079-31:2009</b> |                        |                        |
- (10) If the sign "U" is placed after the certificate number, it indicates that this certificate must not be confounded with an EC-Type-Examination Certificate which is destined for an equipment or protective system. This component certificate must only be used as a basis for a certification of equipment and protective systems.
- (11) This EC-type-examination certificate relates only to the design, examination and tests of the specified equipment in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.
- (12) The marking of the component must include the following:

 **I M2 Ex d I Mb**  
**II 2G Ex d IIC Gb**  
**II 2G Ex e IIC Gb**  
**II 2D Ex tb IIIC Db IP66**

TÜV NORD CERT GmbH, Langemarckstraße 20, 45141 Essen, notified by the central office of the countries for safety engineering (ZLS), Ident. Nr. 0044, legal successor of the TÜV NORD CERT GmbH & Co. KG Ident. Nr. 0032

The head of the notified body

  
Schwedt

Hanover office, Am TÜV 1, 30519 Hannover, Fon +49 (0)511 986 1455, Fax +49 (0)511 986 1590

This certificate may only be reproduced without any change, schedule included.  
Excerpts or changes shall be allowed by the TÜV NORD CERT GmbH

(13) **SCHEDULE**

(14) **EC-Type-Examination Certificate No. TÜV 14 ATEX 149645 U**

(15) Description of component

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.

The type code is reported in the following table:

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

Notes for the erection and operation:

1. The rotating joints have been tested with a pressure of 30 bars.
2. A blanking element shall not be used with the adapter

(16) Test documents are listed in the test report No. 14 203 149645.

(17) Special conditions for safe use

None

(18) Essential Health and Safety Requirements

No additional ones