



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

Certificate No.: IECEX ITS 16.0070X Issue No: 0 Certificate history:
Issue No. 0 (2017-03-30)

Status: **Current** Page 1 of 3

Date of Issue: **2017-03-30**

Applicant: **COEL Motori S.r.l.**
Via Campania, 40
20090 Fizzonasco di Pieve Emanuele (MI)
Italy

Equipment: **X-Touch Pendant Station**
Optional accessory:

Type of Protection: **Ex db ; Ex tb**

Marking:
Ex db IIC T6 Gb
Ex tb III C T85°C Db

Approved for issue on behalf of the IECEX
Certification Body:

A. T. Austin

Position:

Certification Officer

Signature:
(for printed version)

Date:

2017-03-30

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:

Intertek Testing & Certification Limited
ITS House, Cleeve Road,
Leatherhead,
Surrey, KT22 7SB
United Kingdom





IECEx Certificate of Conformity

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Manufacturer: **COEL Motori S.r.l.**
Via Campania, 40
20090 Fizzonasco di Pieve Emanuele (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:

IEC 60079-0 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2014-06 Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2013 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:

[GB/ITS/ExTR16.0069/00](#)

Quality Assessment Report:

[FR/INE/QAR11.0012/03](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The X-Touch is a pendant control station.

Additional details and technical features are reported in the CoC annex .

SPECIFIC CONDITIONS OF USE: YES as shown below:

- The screw used to closed the cover shall be M5x20 hexagonal socket countersunk head cap screws with this characteristic: AISI 316L type as per ISO 10642 quality A4 resistance class 70, yield stress 450 N/mm²;
- Only in model TA12 and TA16 the screw to fixed two body with the plate shall be M5x35 hexagonal socket countersunk head cap screws with this characteristic: AISI 316L type as per ISO 10642 quality A4 resistance class 70, yield stress 450 N/mm²;

Annex:

[Annex to CoC_Coel Motori.pdf](#)



ANNEX TO IECEX CERTIFICATE OF CONFORMITY

IECEX ITS 16.0070X issue No.:0

1. Applicant:

COEL Motori S.r.l. Via Campania, 40
20090 Fizzonasco di Pieve Emanuele (MI)
Italy

2. Description of the equipment

The X-Touch is a pendant control station. The pendant control station can be built in five different models with different number of switches. Including an option of two models, types TA12 and TA16 which are connected by a metal plate.

Heater is optional according to the type code (see it below).

Electrical ratings are 250 Vdc and 1.1A max or, 240 Vac and 3A max. Internal volume is 0.8 litre max.

Type of protection of the equipment are "db" and "tb" with an ambient temperature from -20°C up to 60°C.

The joint present in the equipment are threaded joints and one flange.

The enclosure can be made in aluminium EN AB 42100, in C40 steel or in AISI316.

The electrical ratings are:

- U=250Vdc I=1.1A Max; or
- U=240Vac I=3A Max, f=50/60Hz.

The type code is:

X-Touch TA

XX

X

XX

Identification of the threaded entry:

- NPT 1/2": N1;
- NPT 3/4": N2;
- NPT 1": N3;
- M20x1.5: M1;
- M25x1.5: M2;
- M32x1.5: M3.

If heater is installed: H

Number of contact: 4, 6, 8, 12, 16

Specific Conditions of Use:

- The screw used to closed the cover shall be M5x20 hexagonal socket countersunk head cap screws with this characteristic: AISI 316L type as per ISO 10642 quality A4 resistance class 70, yield stress 450 N/mm².
- Only in model TA12 and TA16 the screw to fixed two body with the plate shall be M5x35 hexagonal socket countersunk head cap screws with this characteristic: AISI 316L type as per ISO 10642 quality A4 resistance class 70, yield stress 450 N/mm².