ZERTIFIKAT ◆ 認證證書 ◆ CERTIFICADO ◆ СЕРТИФИКАТ ◆ CERTIFICAT ◆ CERTIFICATE

Italia

# CERTIFICATE

[1] **EU-TYPE EXAMINATION CERTIFICATE**

[2] **Equipment or Protective System intended for use in potentially explosive atmospheres Directive 2014/34/EU**

[3] EU-Type Examination Certificate number:

**TÜV IT 21 ATEX 042**

[4] Equipment: Position Switch type F* ** **-****-EX8

[5] Manufacturer: Pizzato Elettrica S.r.l.

[6] Address: Via Torino 1
I-36063 Marostica (VI) ITALY

[7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] TÜV Italia, notified body no. 0948 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report no. R 21 EX 034

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN IEC 60079-0:2018 EN 60079-31:2014**

[10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to special conditions for safe use specified in the schedule to this certificate.

[11] This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

[12] The marking of the product shall include the following:

**II 2D Ex tb IIIC T80°C Db**

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Issue date: 23rd September 2021

ACCREDIA L'ENTE ITALIANO DI ACCREDITAMENTO
PRD N° 081B
Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

TÜV Italia Srl Industrie Service 09 48 Notified Body

**TÜV Italia S.r.l.**
**Notified body N° 0948**

**Alberto Carelli**
**Industry Service - Real Estate & Infrastructure**
**Managing Director**

TÜV Italia has been authorized by Italian government to operate as notified body for the certification of equipment or protective system intended for use in potentially explosive atmospheres. This document is not valid without official signature and logo. The internal reference code is 722254190.

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[13] **SCHEDULE**

Italia

[14] **EU-TYPE EXAMINATION CERTIFICATE**
**No. TÜV IT 21 ATEX 042**

**Certificate History**

| Revision: | Description: | Report rev.: | Issue Date: |
|---|---|---|---|
| - | First issued | 0 | 23/09//2021 |

[15] **Description of equipment**

Position Switch type F* ** **-****-EX8

| * | Description |
|---|---|
| 1 | Enclosure variant<br>D: small enclosure / 1 entry<br>L: large enclosure / 3 entries |
| 2-3 | Contact unit |
| 4-5 | Actuator |
| 6-9 | Additional extension<br>R*: roller type<br>G*: gold plated contacts<br>M2: entry thread M20<br>**: additional extension (non ex-relevant) |

The housing meets at least the requirements of IP66 class of protection.
The housing consists of metal and is intended to use in ambient temperatures between -20°C and +70°C.
The cable enters the switch through a metric screw connection. The cable gland has to be separately certified for category 2D and the minimum protection degree has to be IP66.
The user can select from several mechanical actuators (tappets), which are installed completely by the manufacturer.

**Rated characteristics**

Rated voltage AC/DC: 250 V
Rated current AC/DC: 6 A
Ambient temperature -20°C +70°C
Degree of protection: IP66

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[13] **SCHEDULE**

[14] **EU-TYPE EXAMINATION CERTIFICATE**
**No. TÜV IT 21 ATEX 042**

Italia

**Warning label**

“Do not open when energized”

“Cable: see instructions”

[16] **Report no.** R 21 EX 034

**Routine tests**

None.

[17] **Special conditions for safe use**

None.

[18] **Essential Health and Safety Requirements**

Assured by compliance with the standards set out in the [9].

[19] **Drawings and Documents**

**Listed documents** (prot. 722154190)

| Title: | Description: | Pages: | Rev: | Date: |
|---|---|---|---|---|
| Position Switch type F* ** **-****-EX8 | Technical documentation | 67 | 3 | 03/08/2021 |

One copy of all documents is kept in TÜV Italia files.

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