

## TECHNICAL DATA SHEET

# EFCO ATEX Rewind cable reel KPX

## 1. Product description

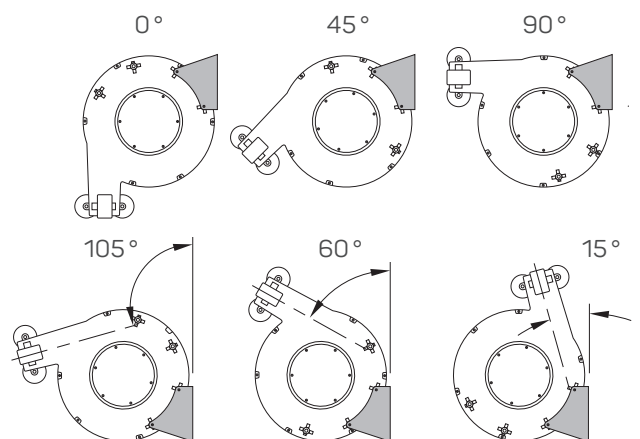
Rewind cable reel for equipotential bonding and for dissipating electrostatic charges, European type examination certificate, SEV-tested for EX zones 1, 21.

## 2. Applications

The rewind cable reel KPX corresponds to ATEX equipment class II in categories 2G and 2D. It is therefore intended for use in EX zones 1 and 21, and 2 and 22. EU type examination certificate compliant with 2014/34/EU.

## 3. Properties

- Especially for electrostatic equipotential bonding compliant with ATEX
- Protected against dust and splashing water in accordance with IP protection class IP 64
- Compact design
- Automatic cable retraction
- Cable lock can be switched on and off
- Casing made of high quality glass-fibre reinforced plastic
- High-quality INOX cable with PUR sheath
- Guide rollers for gentle cable guidance
- Dust-protected, closed rotary coupling with triple contact transmission
- Can be installed in 6 different positions
- Swiss made



## 4. Technical data

Protection class

Gas: II 2G Ex eb IIC T6 Gb

IP protection class

Dust: II 2D Ex tb IIIC T80 °C Db

Ambient temperature ( $T_{amb}$ )

IP 64

Enclosure material

$-40^{\circ}\text{C} \leq T_{amb} \leq +60^{\circ}\text{C}$

Compensating conductor

Glass-fibre reinforced polyamide

Connecting cable

Stainless steel, 2 mm dia., sheathed in PUR, 7.75 mm dia.

Cable length

$\geq 3 \text{ mm}^2$

Dimensions (L x W x H)

8 m (other lengths on request)

Weight

300 x 230 x 155 mm (w/o clamp)

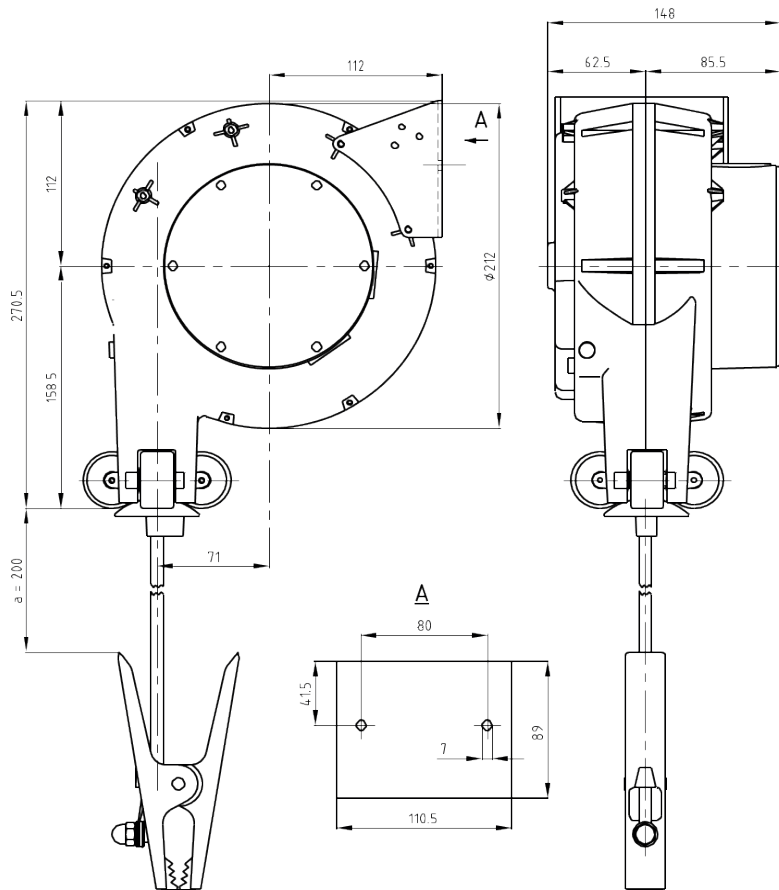
Colour

3.1 kg including clamp

Yellow

TECHNICAL DATA SHEET – EFCO ATEX REWIND CABLE REEL KPX

#### 4. Technical Data (cont.)



#### 5. Inspections/approvals/performance specifications/conformity

- EU type examination certificate compliant with 2014/34/EU
- Conformity to standards
  - EN ISO/IEC 60079-0: 2018
  - EN ISO/IEC 60079-7: 2015
  - EN ISO/IEC 60079-31: 2014
  - EN ISO/IEC 80079-34: 2018
- Environmentally compliant in accordance with
  - Regulation EC No. 1907/2006 (REACH) (dated 20/02/2020)
  - Directive 2015/863/EU (RoHS) (dated 20/02/2020)

All certificates are available for download on the EFCO website: [www.efco.swiss](http://www.efco.swiss)

**5. Inspections/approvals/performance specifications/conformity (cont.)**

smart fixing

**efco**  
.SWISS**EU Conformity Declaration**

1. Product model/product EX rewind cable reel, type: KPX
2. Name and address of manufacturer  
**EFCO Fixing Technology Ltd, Grabenstrasse 1, 8606 Nänikon, Switzerland**
3. The manufacturer bears the sole responsibility for issuing the conformity declaration.
4. Subject of the declaration EX rewind cable reel, type: KPX
5. The subject of the declaration described above complies with the European Union's relevant harmonisation legislation:

**DIRECTIVE 2014/34/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL  
dated 26 February 2014**

6. Indication of the relevant harmonised standards or of the other technical specifications on which the declaration of conformity was based:

**EN ISO/IEC 60079-0: 2018  
EN ISO/IEC 60079-7: 2015  
EN ISO/IEC 60079-31: 2014  
EN ISO/IEC 80079-34: 20 8**

7. The notified body Eurofins Electric & Electronic Product Testing AG 1258 established conformity in an EU type test and has issued the following certificate:  
**SEV 20 ATEX 0367 X**

8. Additional information: none

Signed for and in the name of:

**EFCO Fixing Technology Ltd  
Grabenstrasse 1, 8606 Nänikon, Switzerland**

Nänikon, 21/02/2020



Thomas Doppelbauer, Quality Manager

EFCO Fixing Technology Ltd Phone +41 209 81 11  
Grabenstrasse 1 Email info@efco.swiss  
8606 Nänikon, Switzerland Web www.efco.swiss

Page 1/1

## 5. Inspections/approvals/performance specifications/conformity (cont.)





**EU-Type Examination Certificate**

(1) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 2014/34/EU**

(2) Certificate number: **SEV 20 ATEX 0367 X**

(3) Product: Ex self-retracting cable reel  
Type KPX

(4) Manufacturer: EFCO Befestigungstechnik AG

(5) Address: Grabenstrasse 1, 8606 Nänikon, Switzerland

(6) The equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(7) Eurofins, notified body No. 1258, 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 19-Ex-0044.X01

(8) Compliance with the essential health and safety requirements has been assured by compliance with:

**EN 60079-31:2014**  
**EN 60079-7:2015**  
**EN IEC 60079-0:2018**

Except in respect of those requirements listed at item 18 of the schedule

(9) If the sign «X» is placed after the certificate number, it indicates that the product is subjected to special conditions for safe use specified in the schedule to this certificate. The sign "U" is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

(10) This EU type examination certificate relates only to design and construction of the specified product. Further requirements of this directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(11) The marking of the product shall include the following:



**II 2G Ex eb IIC T6 Gb**  
**II 2D Ex tb IIIC T80 °C Db**

**Eurofins Electric & Electronic Product Testing AG**  
**Notified Body ATEX**

Patrick Gutensohn  
Product Certification

*P. Gutensohn*



www.eurofins.ch

Fehraltorf, 2020-04-23

Issue: 0

Page 1 of 2

T8a\_V01

## 5. Inspections/approvals/performance specifications/conformity (cont.)

(13)

**Appendix**

(14)

**EU-Type Examination Certificate SEV 20 ATEX 0367 X**(15) **Description of product**

The self-retracting cable reel KPX with clamp pliers is used to create temporary equipotential bonding connections.

Ratings:	8 m, Ø 7.75mm PUR, Ø 2mm Inox
Classification of installation and use:	stationary
Ingress protection:	IP64
Rated ambient temperature range (°C):	-40 °C to +60 °C

(16) **Specific conditions of use**

A cable gland and blanking element corresponding to the ignition protection must be used. Only permanently installed cables may be entered through the cable gland. The operating company must ensure that adequate strain relief is provided.  
The maximal surface temperature is given by the environment.  
The instructions regarding electrostatics must be observed.

(17) **Essential health and safety requirements**

In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject
None	

(18) **Drawings and documents**

Number	Sheet	Issue date	Description
See Test Report "Manufacturer's Documents"			



## TECHNICAL DATA SHEET – EFCO ATEX REWIND CABLE REEL KPX

## 6. Operating Instructions

The operating instructions are available for download on the EFCO website: [www.efco.swiss](http://www.efco.swiss)

## 7. Disposal

The cable reel consists of plastic (PA), steel and non-ferrous metal in minor quantities.  
The respective national or regional waste disposal regulations apply.

## 8. Manufacturer/brand/production

EFCO Fixing Technology Ltd  
Grabenstrasse 1 • 8606 Nänikon • Switzerland

## 9. Article data

EFCO Art. No	Designation	Including bracket	Clamp	PU
D83.219	KPX EX-II 2G 2D	110.5 × 89 × 64.5 mm galvanised	Not insulated	1

### ACCESSORIES

#### Clamps

EFCO Art. No	Designation	Version	Span (mm)	PU
D83.214	ZNI INOX clamping tongs	Not insulated	45	1



#### Equipotential bonding cable

- Inox A2 1x3 mm<sup>2</sup>, steel cable, yellow/green
- Inox A2 clamping tongs material

EFCO Art. No	Designation	Effective length (m)	PU
D84.000	Equipotential bonding cable 2.5 m clamps at both ends	2.5	1
D84.001	Equipotential bonding cable 4 m clamps at both ends	4	1
D84.005	Equipotential bonding cable 5 m clamps at both ends	5	1



Additional accessories available on request.

## 10. Links/downloads

You can find additional information at:

EFCO-Website/EFCO-Online-Shop <http://www.efco.swiss>  
CLIC-Website <http://www.clic.swiss>



[www.efco.swiss](http://www.efco.swiss)

*The information given is based on our current technical knowledge and is intended as a guide.  
In specific cases, it might be necessary to clarify the chemical resistance using your own tests.*

Contact EFCO for further technical information.