



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

(2) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 94/9/EC**

(3) Examination certificate number: **SEV 15 ATEX 0121 X**

(4) Equipment: Kopex-Ex Cable Protection System,
Nylon range of fittings for use with XESX conduit

(5) Manufacturer: Cable Management Products Ltd., (Trading as KOPEX-EX),

(6) Address: CMG House, Station Road, Coleshill, B46 1 HT
UNITED KINGDOM

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

(8) Electrosuisse SEV, notified body No. 1258 in accordance with article 9 of the Council Directive of the European Communities of 23 March 1994 (94/9/EC), certifies that this equipment has been found to comply with the essential health and safety requirements relating to the design and construction of equipment or protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The results of the examination are recorded in confidential report no. 14-Ex-0096.41 E1.

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

EN 60079-0:12 + A11:13

EN 60079-31:14

EN 60079-7:07

(10) If the sign «X» is placed after the certificate number, it indicates that the equipment or protective system is subjected to special conditions for safe use specified in the schedule to this certificate.

(11) This examination certificate relates only to design and construction of the specified equipment in accordance with the directive 94/9/EC. Further requirements of this directive apply to the manufacturing process and the placing on the market of the equipment.

(12) The marking of the equipment shall include the following:



II 2G Ex e IIC Gb

II 2D Ex tb IIIC Db

Electrosuisse
Notified Body ATEX

Martin Plüss
Product Certification

(13)

Appendix

(14)

EC-Type Examination Certificate

(15) Description of the equipment

Polyamide cable protection:

Products for the protection of cables, wires and hoses against not only mechanical damage but also the influences of UV radiation, weathering and chemicals.

Sealing system fulfilling IP68. System safety: For security reasons re-opening is only possible with use of a screwdriver.

Flexible conduits, excellent for applications with continual reversed bending. Quick and simple installation, reduced total installation costs (compared to other explosion-proof cable protection systems). No corrosion, long service life. Low weight.

Product description:

Conduit:

XESX...

Fittings:

NENV0202	to NENV0809
NENZ0202R/P	to NENZ0809S/P2
NEBV0404	to NEBV0809
NEWV0202	to NEWV0304
NEAV0202	to NEAV0809
NEIR0202	to NEIR0809
BEYR030202	to BEYR080707
BETR020202	to BETR080808
BESGR0303	to BESGR0808
BENRRE030324	to BENRRE080865
BEAVR03/02	to BEAVR08/07
HEAK-M32/25-13	to HEAK-M63/63-14
EMC connector with conical braid, clamp, metric, parts of metal)	
BEH02	to BEH08 (support system for conduit)
BEPS-17	to BEPS-48 (support system for conduit)

Marking at fittings (see at "copy of marking plate" aforementioned):

Fittings have the code Ex II 2GD Ex e IIC Gb Ex tb IIIC Db but only in manual instructions not on product marking plate because they are small components.

(16) Test Report

14-Ex-0096.41 E1

(17) Special conditions for safe use

- The Kopex-Ex cable protection system meets the requirements of the standard IEC/EN60079-0, IEC/EN60079-7 (for gas atmosphere) and IEC/EN60079-31 (for dust atmosphere).
- Ambient temperature range:
**-5 °C...+85 °C for parts of product and -20 °C ... +85 °C for all others.

First group of products with nominal width (NW) use for conduit XESX02 to XESX03 have an ambient temperature range: -5 °C = Tamb = +85 °C:

NENV0202	to	NENV0303,
NENZ0202R/P	to	NENZ0404S/P1-L,
NEBV0404	to	NEBV0809
NEWV0202	to	NEWV0304
NEAV0202	to	NEAV0303
NEIR0202	to	NEIR0303
BEYR030202		
BETR020202	and	BETR030303
BESGR0303		
BENRRE030324		
BEAVR03/02		

The XESX...-conduits were tested together with the fittings.

Second group of products with nominal width (NW) use for conduit XESX04 to XESX08 have an ambient temperature range: -20°C = Tamb = +85 °C:

NENV0404	to	NENV0809
NENZ0404S/P3	to	NENZ0809S/P2
NEAV0404	to	NEAV0809
NEIR0404	to	NEIR0809
BEYR040303	to	BEYR080707
BETR040404	to	BETR080808
BESGR0404	to	BESGR0808
BENRRE040428	to	BENRRE080865
BEAVR04/03	to	BEAVR08/07

The XESX...-conduits were tested together with the fittings.

(18) Fundamental essential health and safety requirements

Fulfilled by the standards applied.