TYPE EXAMINATION STATEMENT
CATEGORY 3 EQUIPMENT

[1]

[2] **Equipment intended for use in potentially explosive atmospheres - ATEX**

[3] Type Examination Statement number: **IMQ 17 ATEX 017 X**

[4] PRODUCT: **Metal cable glands for armoured and not armoured cables**
TYPE/SERIES: **NAV***; NAVN***; NAVF***; NEV***;NEVX***; NEVL***; NAVNS***;NAVFS***

[5] MANUFACTURER: **CORTEM S.p.A.**

[6] ADDRESS: Via Aquileia, 10 - 34070 Villesse (GO) - Italy

[7] This equipment and any acceptable variation thereto are specified in the annex to this statement and the documents therein referred to.

[8] IMQ states that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive 2014/34/EU with reference to the requirements covered by the standards below defined.

The examination and test results are recorded in Report No.: **AT19-0042694-01_A**

[9] Compliance with Essential Health and Safety Requirement given in the Directive, except for those listed at item 18 of the annex, has been assured by compliance with the requirements of the following standard:

EN IEC 60079-0:2018; EN 60079-15:2010

Other reference standards: **EN IEC 60079-15:2019**

[10] If the sign "X" is placed after the statement number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this statement

[11] This TYPE EXAMINATION STATEMENT 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 statement.

[12] The marking of the equipment or protective system shall include the following:

II 3G **Ex nR IIC Gc**

This document is composed of 10 pages including 1 annex

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CURRENT ISSUE: 2022 I 01 I 31
PREVIOUS ISSUE: 2017 I 10 I 17

B.U. PRODUCT CONFORMITY ASSESSMENT
CERTIFICATION SECTOR – MANAGER

cosign

[13] # ANNEX

[14] Type Examination Statement number: **IMQ 17 ATEX 017 X**

[15] **Description of product:**

The cable glands series NAV…, NEV… are designed for the type of protection flameproof enclosures Ex db IIC and for the type of protection increased safety Ex eb IIC, Ex nR IIC.
The cable glands of the series are also protected against the risk of explosion for the presence of combustible dust Ex tb IIIC.
These cable glands can be used in Ex i intrinsic safety circuits. In this case the cable gland have a part painted in light blue
The cable glands series NAV ***; NAVN ***; NAVF ***; NAVNS***; NAVFS** are suitable for not armoured cables, with circular section either with not-circular section (typically for use with flat "heating" cables).

The cable glands series NEV ***; NEVX ***; NEVL *** are suitable for armoured cables, with circular section.
Cable glands are made of metal body (nickel plated brass; galvanized steel; stainless steel), sealing rings are made of silicon for all types.

The cable gland for not-armoured cables comprises: a main metallic body with silicone lower gasket (flameproof joint), a metallic/not-metallic made compression ring, a metallic clamping nut with silicone upper gasket.

The cable gland for armoured cables comprises: a main metallic body with silicone lower gasket (flameproof joint), armoured tightening nuts, a metallic intermediate body, a metallic clamping nut with silicone upper gasket.

Additional details on compression rings, O-ring for IP, spacers and rings are detailed in Table 2.

Cable glands are provided, on the side attached to enclosure, with the following main mounting threads type:
- NPT ANSI ASME B1.20.1
- ISO METRIC pitch 1.5.

Other types of thread are permitted, according to details listed in key code.

Protection degree IP66/68 is guaranteed by usage of suitable sealant put at least on two complete threads engaged of the threaded coupling, according to manufacturer's instructions.

IPx8 is achieved at the following conditions: 3 bar for 12 hours.

Cable glands are suitable for high mechanical risk (7J).

Trademark: CORTEM; ELFIT; CORTEM Group

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[15.1] **Models/Series Identification:**

Table 1: Rated ambient temperature range (°C) and cables		
Serie:	**Rated ambient temperature**	**Cable type**
NAV *** NAVN *** NAVF ***	-60 ÷ 130 °C	Circular, not-armoured Flat (i.e. heating cables), not-armoured
NEV *** NEVX ***	-60 ÷ 130 °C	Circular, armoured
NEVL ***	-60 ÷ 130 °C	Circular, armoured (lead sheath)
NAVNS *** NAVFS ***	-60 ÷ 130 °C	Swivel, not armoured

Table 2: Materials [1]						
Series	Body materials	Sealing rings material	O-ring gasket	Compression ring	Conical armour rings	Spacers/internal rings
NAV*** NAVN *** NAVF ***	Nickel plated brass Galvanized steel Stainless steel	Silicone	Silicone	Nickel plated brass Galvanized steel Stainless steel Aluminium Plastic (PPS)	-	Teflon
NEV *** NEVX ***	Nickel plated brass Galvanized steel Stainless steel	Silicone	Silicone	-	Nickel plated brass Galvanized steel Stainless steel	Teflon
NEVL ***	Nickel plated brass Galvanized steel Stainless steel	Silicone	Silicone	-	Nickel plated brass Galvanized steel Stainless steel	Teflon Steel/Brass for connection to lead sheath
NAVNS *** NAVFS ***	Nickel plated brass Galvanized steel Stainless steel	Silicone	Silicone	-	-	-

[1] Non-metallic materials are suitable for declared service temperature of cable glands: -60 ÷ 130 °C

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Table 3.1[2]: Cable glands for circular, not-armoured cables - Series: NAV ***; NAVN ***; NAVF ***						
Model (Metric)	**Metric thread pitch 1.5**	**Model (NPT)**	**NPT thread**	**Clamping range min-max cable Ød mm**	**Torque value [Nm]**	**Clamping limitation (X)**
NAV 12 I * NAVN 12 I * NAVF 12 I *	M12x1.5	NAV 02 N * NAVN 02 N * NAVF 02 N *	1/4”	3.0-6.0	25	Yes
NAV 16 I * NAVN 16 I * NAVF 16 I *	M16x1.5	NAV 01 N * NAVN 01 N * NAVF 01 N *	3/8”	3.5-8.6	25	Yes
				4-8.6		No
NAV 20S I * NAVN 20S I * NAVF 20S I *	M20x1.5	NAV 1S N * NAVN 1S N * NAVF 1S N *	1/2"	6.3-11.6	35	No
NAV 20 I * NAVN 20 I * NAVF 20 I *	M20x1.5	NAV 1 N * NAVN 1 N * NAVF 1 N *	1/2"	6.5-14	35	No
NAV 25 I * NAVN 25 I * NAVF 25 I *	M25x1.5	NAV 2 N * NAVN 2 N * NAVF 2 N *	3/4"	11-20	45	Yes
				12-20		No
NAV 32 I * NAVN 32 I * NAVF 32 I *	M32x1.5	NAV 3 N * NAVN 3 N * NAVF 3 N *	1”	17-27	85	Yes
				20-27		No
NAV 40 I * NAVN 40 I * NAVF 40 I *	M40x1.5	NAV 4 N * NAVN 4 N * NAVF 4 N *	1” ¼	22-32	85	Yes
				24-32		No
NAV 50S I * NAVN 50S I * NAVF 50S I *	M50x1.5	NAV 5S N * NAVN 5S N * NAVF 5S N *	1” ½	29.5-38	90	No
NAV 50 I * NAVN 50 I * NAVF 50 I *	M50x1.5	NAV 5 N * NAVN 5 N * NAVF 5 N *	1” ½	35.5-44	90	No
NAV 63S I * NAVN 63S I * NAVF 63S I *	M63x1.5	NAV 6S N * NAVN 6S N * NAVF 6S N *	2”	40-50	95	No
NAV 63 I * NAVN 63 I * NAVF 63 I *	M63x1.5	NAV 6 N * NAVN 6 N * NAVF 6 N *	2”	47-56	95	No
NAV 75S I * NAVN 75S I * NAVF 75S I *	M75x1.5	NAV 7S N * NAVN 7S N * NAVF 7S N *	2” ½	53-62	100	No
NAV 75 I * NAVN 75 I * NAVF 75 I *	M75x1.5	NAV 7 N * NAVN 7 N * NAVF 7 N *	2” ½	59-68	110	No
NAV 90 I * NAVN 90 I * NAVF 90 I *	M90x1.5	NAV 8 N * NAVN 8 N * NAVF 8 N *	3”	66-79	120	No
NAV 100 I * NAVN 100 I * NAVF 100 I *	M100x1.5	NAV 9 N * NAVN 9 N * NAVF 9 N *	3” ½	76-91	150	No
NAV 115 I * NAVN 115 I * NAVF 115 I *	M115x1.5	NAV 10 N * NAVN 10 N * NAVF 10 N *	4”	86-98	170	No

[2] metric pitch 1.5 and NPT threads cable glands sizes are shown; models with other threads, as detailed in Key Code, are available. Full list in drawings listed to Certificate

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Table 3.2[2]: Cable glands for not-circular (flat), not-armoured cables - Series: NAV ***; NAVN ***; NAVF ***						
Model (Metric)	**Metric thread pitch 1.5**	**Model (NPT)**	**NPT thread**	**Cable dimensions axb (mm)**	**Torque value [Nm]**	**Clamping limitation (X)**
NAV 16 I * NAVN 16 I * NAVF 16 I *	M16x1.5	NAV 01 N * NAVN 01 N * NAVF 01 N *	3/8"	7.7x5.5	20	Yes
NAV 20 I * NAVN 20 I * NAVF 20 I *	M20x1.5	NAV 1 N * NAVN 1 N * NAVF 1 N *	1/2"	7.7x5.5	30	Yes
NAV 20 I * NAVN 20 I * NAVF 20 I *	M20x1.5	NAV 1 N * NAVN 1 N * NAVF 1 N *	1/2"	8.7x3.5	30	Yes
NAV 20 I * NAVN 20 I * NAVF 20 I *	M20x1.5	NAV 1 N * NAVN 1 N * NAVF 1 N *	1/2"	9.7x4.1	30	Yes
NAV 20 I * NAVN 20 I * NAVF 20 I *	M20x1.5	NAV 1 N * NAVN 1 N * NAVF 1 N *	1/2"	10.2x4.1	30	Yes
NAV 20 I * NAVN 20 I * NAVF 20 I *	M20x1.5	NAV 1 N * NAVN 1 N * NAVF 1 N *	1/2"	10.7x4.6	30	Yes
NAV 20 I * NAVN 20 I * NAVF 20 I *	M20x1.5	NAV 1 N * NAVN 1 N * NAVF 1 N *	1/2"	10.7x5.1	30	Yes
NAV 20 I * NAVN 20 I * NAVF 20 I *	M20x1.5	NAV 1 N * NAVN 1 N * NAVF 1 N *	1/2"	10.7x6.1	30	Yes
NAV 20S I * NAVN 20S I * NAVF 20S I *	M20x1.5	NAV 1S N * NAVN 1S N * NAVF 1S N *	1/2"	7.7x5.5	25	Yes
NAV 20S I * NAVN 20S I * NAVF 20S I *	M20x1.5	NAV 1S N * NAVN 1S N * NAVF 1S N *	1/2"	8.7x3.5	25	Yes
NAV 20S I * NAVN 20S I * NAVF 20S I *	M20x1.5	NAV 1S N * NAVN 1S N * NAVF 1S N *	1/2"	9.7x4.1	25	Yes
NAV 20S I * NAVN 20S I * NAVF 20S I *	M20x1.5	NAV 1S N * NAVN 1S N * NAVF 1S N *	1/2"	10.2x4.1	25	Yes
NAV 20S I * NAVN 20S I * NAVF 20S I *	M20x1.5	NAV 1S N * NAVN 1S N * NAVF 1S N *	1/2"	10.7x4.6	25	Yes
NAV 20S I * NAVN 20S I * NAVF 20S I *	M20x1.5	NAV 1S N * NAVN 1S N * NAVF 1S N *	1/2"	10.7x5.1	25	Yes
NAV 20S I * NAVN 20S I * NAVF 20S I *	M20x1.5	NAV 1S N * NAVN 1S N * NAVF 1S N *	1/2"	10.7x6.1	25	Yes
NAV 20S I * NAVN 20S I * NAVF 20S I *	M20x1.5	NAV 1S N * NAVN 1S N * NAVF 1S N *	1/2"	11.7x5.6	25	Yes
NAV 25 I * NAVN 25 I * NAVF 25 I *	M25x1.5	NAV 2 N * NAVN 2 N * NAVF 2 N *	3/4"	7.7x5.5	40	Yes
NAV 25 I * NAVN 25 I * NAVF 25 I *	M25x1.5	NAV 2 N * NAVN 2 N * NAVF 2 N *	3/4"	8.7x3.5	40	Yes
NAV 25 I * NAVN 25 I * NAVF 25 I *	M25x1.5	NAV 2 N * NAVN 2 N * NAVF 2 N *	3/4"	9.7x4.1	40	Yes
NAV 25 I * NAVN 25 I * NAVF 25 I *	M25x1.5	NAV 2 N * NAVN 2 N * NAVF 2 N *	3/4"	10.2x4.1	40	Yes
NAV 25 I * NAVN 25 I * NAVF 25 I *	M25x1.5	NAV 2 N * NAVN 2 N * NAVF 2 N *	3/4"	10.7x4.6	40	Yes

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NAV 25 I * NAVN 25 I * NAVF 25 I *	M25x1.5	NAV 2 N * NAVN 2 N * NAVF 2 N *	3/4"	10.7x5.1	40	Yes
NAV 25 I * NAVN 25 I * NAVF 25 I *	M25x1.5	NAV 2 N * NAVN 2 N * NAVF 2 N *	3/4"	10.7x6.1	40	Yes
NAV 25 I * NAVN 25 I * NAVF 25 I *	M25x1.5	NAV 2 N * NAVN 2 N * NAVF 2 N *	3/4"	11.7x5.6	40	Yes

Table 3.3[2]: Cable glands for circular, armoured cables - Series: NEV *; NEVL *****

Model (Metric)	Metric thread pitch 1.5	Model (NPT)	NPT thread	Clamping range inner sealing ring min-max cable Ød mm	Torque value inner sealing ring [Nm]	Clamping range outer sealing ring min-max cable ØD mm	Torque value outer sealing ring [Nm]	Clamping limitation (X)
NEV 12 I * NEVL 12 I *	M12x1.5	NEV 02 N * NEVL 02 N *	1/4"	3.0-6.0	25	6-10	Nut to be tightened until the cable gland gasket touches the outer cable sheath, then tighten one more turn of the nut	No
NEV 16 I * NEVL 16 I *	M16x1.5	NEV 01 N * NEVL 01 N *	3/8"	3.5-8.6	25	6-13.2		Yes
				4-8.6				No
NEV 20S I * NEVL 20S I *	M20x1.5	NEV 1S N * NEVL 1S N *	1/2"	6.3-11.6	35	9.5-16		No
NEV 20 I * NEVL 20 I *	M20x1.5	NEV 1 N * NEVL 1 N *	1/2"	6.5-14	35	12.5-21		No
NEV 25 I * NEVL 25 I *	M25x1.5	NEV 2 N * NEVL 2 N *	3/4"	11-20	45	20-27.5		Yes
				12-20				No
NEV 32 I * NEVL 32 I *	M32x1.5	NEV 3 N * NEVL 3 N *	1"	17-27	85	23.5-34		Yes
				20-27				No
NEV 40 I * NEVL 40 I *	M40x1.5	NEV 4 N * NEVL 4 N *	1" ¼	22-32	85	26-40		Yes
				24-32				No
NEV 50S I * NEVL 50S I *	M50x1.5	NEV 5S N * NEVL 5S N *	1" ½	29.5-38	90	35-46.5		No
NEV 50 I * NEVL 50 I *	M50x1.5	NEV 5 N * NEVL 5 N *	1" ½	35.5-44	90	38-53		No
NEV 63S I * NEVL 63S I *	M63x1.5	NEV 6S N * NEVL 6S N *	2"	40-50	95	45.5-59.5		No
NEV 63 I * NEVL 63 I *	M63x1.5	NEV 6 N * NEVL 6 N *	2"	47-56	95	54.5-66		No
NEV 75S I * NEVL 75S I *	M75x1.5	NEV 7S N * NEVL 7S N *	2" ½	53-62	100	57-72		No
NEV 75 I * NEVL 75 I *	M75x1.5	NEV 7 N * NEVL 7 N *	2" ½	59-68	110	66.5-78.5		No
NEV 90 I * NEVL 90 I *	M90x1.5	NEV 8 N * NEVL 8 N *	3"	66-79	120	76.5-90		No
NEV 100 I * NEVL 100 I *	M100x1.5	NEV 9 N * NEVL 9 N *	3" ½	76-91	150	86-101		No
NEV 115 I * NEVL 115 I *	M115x1.5	NEV 10 N * NEVL 10 N *	4"	86-98	170	100-110		No

[13] **ANNEX**

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Table 3.4[2]: Cable glands for circular, armoured cables - Serie: NEVX ***								
Model (Metric)	**Metric thread pitch 1.5**	**Model (NPT)**	**NPT thread**	**Clamping range inner sealing ring min-max cable Ød mm**	**Torque value inner sealing ring [Nm]**	**Clamping range outer sealing ring min-max cable ØD mm**	**Torque value outer sealing ring [Nm]**	**Clamping limitation (X)**
NEVX 20S I *	M20x1.5	NEVX 1S N *	1/2"	3.5-8.6	35	9.5-16	Nut to be tightened until the cable gland gasket touches the outer cable sheath, then tighten one more turn of the nut	Yes
				4-8.6				No
NEVX 20 I *	M20x1.5	NEVX 1 N *	1/2"	6.3-11.6	35	12.5-21		No
NEVX 25 I *	M25x1.5	NEVX 2 N *	3/4"	6.5-14	45	20-27.5		No
NEVX 32 I *	M32x1.5	NEVX 3 N *	1"	11-20	85	23.5-34		Yes
				12-20				No
NEVX 40 I *	M40x1.5	NEVX 4 N *	1" ¼	17-27	85	26-40		Yes
				20-27				No
NEVX 50S I *	M50x1.5	NEVX 5S N *	1" ½	22-32	90	35-46.5		Yes
				24-32				No
NEVX 50 I *	M50x1.5	NEVX 5 N *	1" ½	29.5-38	90	38-53		No
NEVX 63S I *	M63x1.5	NEVX 6S N *	2"	35.5-44	95	45.5-59.5		No
NEVX 63 I *	M63x1.5	NEVX 6 N *	2"	40-50	95	54.5-66		No
NEVX 75S I *	M75x1.5	NEVX 7S N *	2" ½	47-56	100	57-72		No
NEVX 75 I *	M75x1.5	NEVX 7 N *	2" ½	53-62	110	66.5-78.5		No
NEVX 90 I *	M90x1.5	NEVX 8 N *	3"	59-68	120	76.5-90		No
NEVX 100 I *	M100x1.5	NEVX 9 N *	3" ½	66-79	150	86-101		No
NEVX 115 I *	M115x1.5	NEVX 10 N *	4"	76-91	170	100-110		No

Table 3.5[2] Cable glands for circular, not-armoured cables + swivel metallic ring male hub- Serie: NAVNS *** - NAVFS***					
Model (Metric)	**Metric thread pitch 1.5**	**Model (NPT)**	**NPT thread**	**Cable dimensions axb (mm)**	**Torque value [Nm]**
NAVNS 12 I * NAVFS 12 I *	M12x1.5	NAVNS 02 N * NAVFS 02 N *	1/4"	3.0-6.0	25
NAVNS 16 I * NAVFS 16 I *	M16x1.5	NAVNS 01 N * NAVFS 01 N *	3/8"	3.5-8.6	25
NAVNS 20S I * NAVFS 20S I *	M20x1.5	NAVNS 1S N * NAVFS 1S N *	1/2"	6.3-11.6	35
NAVNS 20 I * NAVFS 20 I *	M20x1.5	NAVNS 1 N * NAVFS 1 N *	1/2"	6.5-14	35
NAVNS 25 I * NAVFS 25 I *	M25x1.5	NAVNS 2 N * NAVFS 2 N *	3/4"	11-20	45
NAVNS 32 I * NAVFS 32 I *	M32x1.5	NAVNS 3 N * NAVFS 3 N *	1"	17-27	85
NAVNS 40 I * NAVFS 40 I *	M40x1.5	NAVNS 4 N * NAVFS 4 N *	1" ¼	22-32	85
NAVNS 50S I * NAVFS 50S I *	M50x1.5	NAVNS 5S N * NAVFS 5S N *	1" ½	29.5-38	90
NAVNS 50 I * NAVFS 50 I *	M50x1.5	NAVNS 5 N * NAVFS 5 N *	1" ½	35.5-44	90
NAVNS 63S I * NAVFS 63S I *	M63x1.5	NAVNS 6S N * NAVFS 6S N *	2"	40-50	95
NAVNS 63 I * NAVFS 63 I *	M63x1.5	NAVNS 6 N * NAVFS 6 N *	2"	47-56	95
NAVNS 75S I * NAVFS 75S I *	M75x1.5	NAVNS 7S N * NAVFS 7S N *	2" ½	53-62	100

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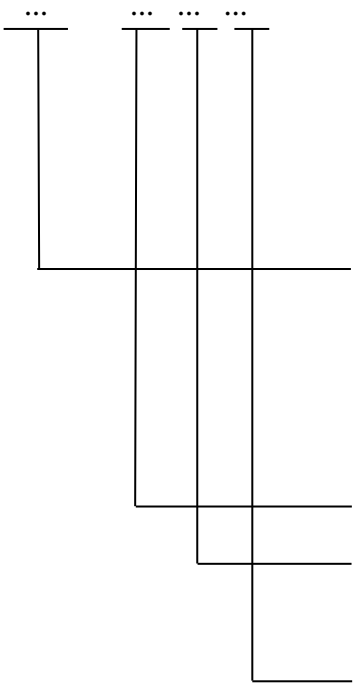
NAVNS 75 I * NAVFS 75 I *	M75x1.5	NAVNS 7 N * NAVFS 7 N *	2" ½	59-68	110
NAVNS 90 I * NAVFS 90 I *	M90x1.5	NAVNS 8 N * NAVFS 8 N *	3"	66-79	120
NAVNS 100 I * NAVFS 100 I *	M100x1.5	NAVNS 9 N * NAVFS 9 N *	3" ½	76-91	150
NAVNS 115 I * NAVFS 115 I *	M115x1.5	NAVNS 10 N * NAVFS 10 N *	4"	86-98	170

Key code (if present)



Cable gland type

NAV Cable gland for non armoured cable
NAVN Cable gland for non armoured cable, male thread
NAVF Cable gland for non armoured cable, female thread
NEV Cable gland for armoured cable
NEVX Cable gland for armoured cable "special"
NEVL Cable gland for lead sheath (new code)
NAVNS Cable gland for non armoured cable, male thread, swivel version
NAVFS Cable gland for non armoured cable, female thread, swivel version

Size (ISO: 12, 16, 20, 63S; NPT: 2, 5, 5S ecc.)

Thread (I=ISO pitch 1,5, IX1=ISO pitch 1, IX2=ISO pitch2 , N=NPT, NULL=ISO7/1, OTHER CODES)

Material (B=BRASS nichel plated, S=INOX, G=STEEL galvanized)

[15.2] **Ratings:**

For more details see drawings and instructions manual listed in DL- AT19-0042694-01_A.

[15.3] **Safety Ratings:**

-

[15.4] **Ambient temperature and temperature classes:**

From -60 °C to +130 °C (silicone sealing rings) - Refers to Technical Note A4-6746 rev.2

[15.5] **Degree of protection (IP code):**

IP66/67/68

[15.6] **Warnings:**

-

[16] **Report:** AT19-0042694-01_A

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[16.1] **Routine (factory) tests:**
The manufacturer shall carry out the routine test prescribed at clauses 27 of the EN 60079-0.

[16.2] **Conformity with the documentation:**
The manufacturer shall carry out the verifications or tests necessary to ensure that the product complies with the documentation.
Marking the equipment in accordance with Clause 29 of EN 60079-0, the manufacturer attests on his own responsibility that:

- the equipment has been constructed in accordance with the applicable requirements of the relevant standards in safety matters;
- the routine verifications and routine tests in 28.1 of EN 60079-0 have been successfully completed with positive results.

[16.3] **Installation conditions:**
Above referred equipment is foreseen to be installed in locations where there are environmental conditions, as clearly specified at clause 1, par. 2 of EN 60079-0.
Installation and use in atmospheric and environmental conditions that are out of above-mentioned intervals request special considerations and additional measures by the side of installer or user.
These should be specified to the manufacturer by the user;
It is not a required by applicable standard listed in [9] that the certification body confirm suitability for the adverse conditions.
Installation of equipment has to proceed according to EN 60079-14.
The installation shall be done according to safety manufacturer instructions to maintain degree of protection.

[17] **Special Condition of use (X) / Schedule of limitations:**

- The cable glands are only suitable for fixed installations.
- Where specified in relevant Table 3, cables shall be effectively clamped to prevent pulling or twisting.

[18] **Essential Health and safety Requirements:**

This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed in [9].
This Certificate does not cover hazards coming from environmental conditions different from those clearly and precisely indicated and covered in clause 1 of EN 60079-0.
ESHR 1.2.7: According Annex VIII of the Directive
ESHR 1.4: Not verified.
ESHR 1.5: Not verified.
ESHR 3: Not applied.

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed

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at [9], the following are considered relevant to this product, and conformity is demonstrated in the report:
N/A: additional Requirements for the products have not been considered.

[19] **Descriptive documents:**

DL- AT19-0042694-01_A

[20] **Certification Validity Conditions:**

The present Statement is not referred to IMQ certification activities as Notified Body according to 2014/34/EU Directive. The validity of this Statement is subject to the condition that the manufacturer complies with the results of the document review and of the pertinent requirement if any included, recorded in the relevant copy of documentation as per 19.
One copy of the mentioned documentation is kept in IMQ file.

[21] **Variations**

Issue 0, October 2017

Issue 1, January 2022
- Update new standards
- Add new size ISO M12 (NPT 1/4")
- Add new slot size for flat cable
- Add new version NAVNS and NAVFS: Swivel type
- Rename NEVP in NEVL