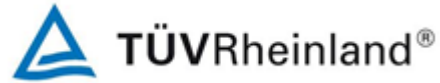




Test Report issued under the responsibility of:



| | |
|--|---|
| TEST REPORT IEC 61386-24 Conduit systems for cable management Part 24: Particular requirements for conduit systems buried underground | |
| Report Number : | HU20CDEE 001 |
| Date of issue : | See date in digital signature |
| Total number of pages | 18 |
| Name of Testing Laboratory preparing the Report | TÜV Rheinland InterCert Kft. MEEI Division |
| Applicant's name | Texor Müanyagipari, Kereskedelmi és Szolgáltató Kft. |
| Address : | 4002 Debrecen-Apafa HRSZ: 2635 Hungary |
| Test specification: | |
| Standard | IEC 61386-24:2004 used in conjunction with IEC 61386-1:2008 |
| Test procedure | CB Scheme |
| Non-standard test method | N/A |
| Test Report Form No. | IEC61386_24B |
| Test Report Form(s) Originator : | IMQ S.p.A. |
| Master TRF | Dated 2017-09-01 |
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| General disclaimer: The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report. | |

| | | |
|---|---|-----|
| Test item description | Conduit systems buried underground family | |
| Trade Mark | TEXOR | |
| Manufacturer | Texor Müanyagipari, Kereskedelmi és Szolgáltató Kft. | |
| Model/Type reference | TP-TYPE ø 16mm to ø 250mm | |
| Ratings | 1000V a.c./ 1500V d.c. | |
| Responsible Testing Laboratory (as applicable), testing procedure and testing location(s): | | |
| <input checked="" type="checkbox"/> | CB Testing Laboratory: | |
| Testing location/ address | TÜV Rheinland InterCert Kft. MEEI Division H-1143 Budapest, Gizella út 51-57., Hungary | |
| Tested by (name, function, signature) | Mrs. Istvánné KALLÓS, testing associate | |
| Approved by (name, function, signature) .. | Mr. Ádám BOHNERT, reviewer | |
| <input type="checkbox"/> | Testing procedure: CTF Stage 1: | N/A |
| Testing location/ address | | |
| Tested by (name, function, signature) | | |
| Approved by (name, function, signature) .. | | |
| <input type="checkbox"/> | Testing procedure: CTF Stage 2: | N/A |
| Testing location/ address | | |
| Tested by (name + signature)..... | | |
| Witnessed by (name, function, signature) . | | |
| Approved by (name, function, signature) .. | | |
| <input type="checkbox"/> | Testing procedure: CTF Stage 3: | N/A |
| <input type="checkbox"/> | Testing procedure: CTF Stage 4: | N/A |
| Testing location/ address | | |
| Tested by (name, function, signature) | | |
| Witnessed by (name, function, signature) . | | |
| Approved by (name, function, signature) .. | | |
| Supervised by (name, function, signature) : | | |

List of Attachments (including a total number of pages in each attachment): N/A

Summary of testing:

All applicable tests were conducted on :

TP - TYPE ø 25mm ,
TP – TYPE ø 110 mm

Partial tests were conducted on:

TP – TYPE ø 40 mm

At the request of the manufacturer Electrical properties were tested according to IEC 61386-1:2008+A1:2017 Clause 11.3.1. See the results in Table 11.3.1. The testing of Electrical properties is not obligatory according to this product standard, therefore the result are informative.

Tests performed (name of test and test clause):

- 7. Marking and documentation
- 8. Dimensions
- 9. Construction
- 10. Mechanical properties
- 13. Fire effects

At manufacturers request:

- 11. Electrical properties

Testing location:

TÜV Rheinland InterCert Kft. MEEI Division
H-1143 Budapest, Gizella út 51-57., Hungary

Summary of compliance with National Differences (List of countries addressed): N/A

The product fulfils the requirements of _____ (insert standard number and edition and delete the text in parenthesis, leave it blank or delete the whole sentence, if not applicable)

Copy of marking plate:

Marking on TP – TYPE 25

Marking on TP – TYPE 40

Marking on TP – TYPE 110

Test item particulars:
Conduit system classification coding..... :
Type of conduit..... : Metallic **Non-metallic** Composite

Type of conduit..... : **Plain** Corrugated

Type of conduit fitting Metallic **Non-metallic** Composite

Conduit fitting – quantity : **N/A**
Conduit fitting – type(s)..... : **N/A**
Conduit fitting – colour(s)..... : **N/A**
Method for connection Threadable **Non-threadable**
Resistance to compression..... : type 250 type 450 **type 750**
Resistance to impact Light (L) **Normal (N)**
Resistance to bending..... : **Rigid** Pliable

Electrical characteristics..... : With electrical continuity **With electrical insulating**
Resistance to external influences : **N/A**
Resistance against corrosion : **Without protection** With protection: 1/2/3/4

Resistance to flame propagation..... : **Non-flame propagating** Flame propagating

Possible test case verdicts:
- test case does not apply to the test object: N/A

- test object does meet the requirement..... : P (Pass)

- test object does not meet the requirement: F (Fail)

Testing :

Date of receipt of test item..... : 25-11-2020

Date (s) of performance of tests : From 25-11-2020 to 22-01-2021

General remarks:

The test results presented in this report relate only to the object tested.

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"(see Enclosure #)" refers to additional information appended to the report.

"(see appended table)" refers to a table appended to the report.

 Throughout this report a comma / point is used as the decimal separator.

Manufacturer's Declaration per sub-clause 4.2.5 of IEC 60332-1-2:

The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided : Yes Not applicable

When differences exist; they shall be identified in the General product information section.

Name and address of factory (ies) : **Texor Müanyagipari, Kereskedelmi és Szolgáltató Kft.**
4002 Debrecen-Apafa HRSZ: 2635 Hungary

General product information:**Conduit systems buried underground family:**

TP – TYPE 25
TP – TYPE 32
TP – TYPE 40
TP – TYPE 50
TP – TYPE 63
TP – TYPE 75
TP – TYPE 90
TP – TYPE 110
TP – TYPE 125
TP – TYPE 140
TP – TYPE 160
TP – TYPE 180
TP – TYPE 200
TP – TYPE 225
TP – TYPE 250

| IEC 61386-24 | | | |
|---------------------|---|----------------------|----------|
| Clause | Requirement + Test | Result - Remark | Verdict |
| 7 | MARKING AND DOCUMENTATION | | P |
| 7.1 | Conduit (conduit fitting) is marked on the product with a trade mark or a name identifying the manufacturer or responsible vendor | TEXOR KFT. | P |
| | Conduit (conduit fitting) is marked in addition in such a way that it can be identified in the manufacturer's, or responsible vendor's, literature | marked | P |
| | the code "L" or "N" according to 6.1.2 | N | P |
| | the code "250", "450" or "750" according to 6.1.1. This code shall be marked immediately after | 750 | P |
| 7.1.2 | Manufacturer indicates the compatibility of parts within a conduit system | - | N/A |
| 7.1.101 | Conduit is marked in accordance with 7.1 along its entire length at regular intervals of preferably 1 m but not longer than 3 m (m) | 1,0 | P |
| | The mark is on a label attached to the product at each end or on the packaging (if the marking in accordance with 7.1 along its entire length is technically impractical) | | N/A |
| 7.2 | Conduit fitting is marked in accordance with 7.1, on | | N/A |
| | - the product | | N/A |
| | - a label attached to the product, or on the box or carton containing the fittings (if the marking on the product is impractical) | | N/A |
| 7.5 | Compliance with 7.1 to 7.4 checked by inspection | checked | P |
| 7.6 | Marking is durable and clearly legible | legible | P |
| | Compliance checked by inspection and by rubbing the marking by hand for 15 s with a piece of cloth soaked with water, and again for 15 s with a piece of cloth soaked with petroleum spirit | durable | P |
| 7.101 | The manufacturer shall provide in his literature all information necessary for the proper and safe installation and use. | | P |
| | In addition, for conduit systems according to 6.1.1.1 the manufacturer shall give instruction for installation precautions following the relevant national technical rules, if any. | | P |
| 8 | DIMENSIONS | | P |
| 8.1 | Threads comply with IEC 60423 | See appended table 8 | N/A |

| IEC 61386-24 | | | |
|---------------------|---|----------------------|---------|
| Clause | Requirement + Test | Result - Remark | Verdict |
| 8.2 | Minimum inside diameter of the conduit system is as declared by the manufacturer | See appended table 8 | P |
| 9 | CONSTRUCTION | | P |
| 9.1 | There are no sharp edges, burrs or surface projections within the conduit system | no sharp edges | P |
| | The manufacturer provides guidelines to assist the safe installation of the conduit system | provides guidelines | P |
| 9.2 | Screws, if any, used for attaching components or covers to conduit fittings, or in joints to conduits, do not cause damage to cable insulation when correctly inserted | | N/A |
| | Screws have ISO metric threads | | N/A |
| | Thread-cutting screws are not used | | N/A |
| | Fixing screws and small clips for use with non-metallic or composite conduit fittings, of non-metallic material, are isolated from insulated conductors or cables | | N/A |
| 9.5 | Any material within the joint have at least the same level of resistance to the external influence as either the conduit or the conduit fitting | | N/A |
| 9.6 | Indications whether the conduit system that are assembled by means other than threads can be disassembled and if so, how this can be achieved, are provided by the manufacturer | | N/A |
| 10 | MECHANICAL PROPERTIES | | P |
| 10.1 | Mechanical strength | | P |
| 10.1.1 | Conduit systems have adequate mechanical strength | | P |
| 10.1.2 | Conduits do not crack and are not deformed when bent or compressed, or exposed to impact or extreme temperature, according to their classification | | P |
| 10.1.3 | Conduit systems intended as a mounting for other equipment have adequate mechanical strength | | N/A |
| 10.1.4 | Compliance of 10.1.1 to 10.1.3 checked by the tests specified in 10.2 to 10.4 | | P |
| 10.2 | Compression test (IEC 61386-24): conduits and bends: | | P |

| IEC 61386-24 | | | |
|---------------------|--|----------------------------------|---------|
| Clause | Requirement + Test | Result - Remark | Verdict |
| | 3 samples shall be (200 ± 5) mm long; before the test, record dimension of Cl. 8 | See appended table 10.2 | P |
| | Compression at a rate of (15 ± 0,5) mm/min; when reaching the deflection of 5% of the original inside diameter the applied force shall be at least 250 N or 450 N or 750 N | See appended table 10.2 >750N | P |
| | After the test there shall be no crack allowing the ingress of light or water between the inside and the outside | See appended table 10.2 | P |
| | After the test there shall be no crack allowing the ingress of light or water between the inside and the outside for 9 samples or more | See appended table 10.2 | P |
| | After the test, the checking of the minimum inside diameter as specified in EN 50086-2-4 shall be satisfactory. | See appended table 10.2 | P |
| 10.2.1 | The test for conduits containing non-metallic materials is not started until 10 days after manufacture. | | P |
| 10.2.3 | Before the test, the outside and inside diameters of the samples are measured as specified in Clause 8. | | P |
| 10.3 | Impact test | | P |
| | 12 samples of conduit, each (200 ± 5) mm in length, or 12 samples of conduit fittings subjected to an impact test using the apparatus shown in figure 101 | See appended table 10.3 | P |
| 10.3.3 | At least 9 of the 12 samples passed the test | 12 | P |
| 10.4 | Bending test | | N/A |
| | 3 samples at temperature (-5±1) °C during 2 h; 3 samples at room temperature | See appended table 10.4 | N/A |
| 11 | ELECTRICAL PROPERTIES | | N/A |
| 11.1 | Electrical requirements | | N/A |
| | (under consideration) | | — |
| 11.2 | Bonding test | | N/A |
| | (under consideration) | | — |
| 11.3 | Electrical insulating strength and resistance | | N/A |
| | (under consideration) | | — |
| 12 | THERMAL PROPERTIES | | N/A |
| 12.1 | Clause of part 1 not applicable | | — |

| IEC 61386-24 | | | |
|---------------------|--|-----------------------------|---------|
| Clause | Requirement + Test | Result - Remark | Verdict |
| 13 | FIRE HAZARD | | P |
| 13.1 | Reaction to fire | | P |
| 13.1.1 | Initiation of fire (not applicable) | | — |
| 13.1.2 | Contribution to fire (under consideration) | | — |
| 13.1.3 | Spread of fire | | P |
| | Non-flame propagating conduit systems have adequate resistance to flame propagation | | P |
| 13.1.3.1 | Non-metallic and composite conduit fittings subjected to glow-wire test of IEC 60695-2-1/1 (IEC 60695-2-11) at 750 °C | | N/A |
| | No visible flame or sustained glowing, | See appended table 13.1.3.1 | N/A |
| | Flames and glowing extinguished within 30 s of the removal of the glow-wire (s).....: | See appended table 13.1.3.1 | N/A |
| 13.1.3.2 | Non-metallic and composite conduits subjected to 1 kW flame of IEC 60695-2-4/1 (IEC 60695-11-2), according to the arrangement of figure 7, applied for the period given in table 11 | | P |
| | ▪ Sample does not ignite, or | See appended table 13.1.3.2 | P |
| | ▪ In case of ignition: | | N/A |
| | a) Flame extinguishes within 30 s.....: | See appended table 13.1.3.2 | N/A |
| | b) No ignition of the tissue paper | See appended table 13.1.3.2 | N/A |
| | c) No evidence of burning or charring within 50 mm of the lower extremity of the upper clamp | See appended table 13.1.3.2 | N/A |
| 14 | EXTERNAL INFLUENCES | | N/A |
| 14.1 | Degree of protection provided by enclosure | | N/A |
| | Conduit systems, when assembled in accordance with the manufacturer's instructions, have adequate resistance to external influences according to the classification declared by the manufacturer, with a minimum requirement of IP30 | IP | N/A |
| 14.1.1 | Degree of protection – Ingress of foreign solid objects | See appended table 14.1.1 | N/A |
| 14.1.2 | Degree of protection – Ingress of water | See appended table 14.1.2 | N/A |
| 14.2 | Resistance against corrosion | | N/A |
| | Resistance to corrosion classification for painted and zinc coated steel and steel composite conduits and conduit fittings (table 10).....: | 1/2/3/4 | — |

| IEC 61386-24 | | | |
|---------------------|--|-----------------|---------|
| Clause | Requirement + Test | Result - Remark | Verdict |
| | For non-ferrous metallic and composite conduit systems, the manufacturer provided information about its protection against corrosion | | N/A |
| 14.2.2 | Tests for resistance to corrosion for painted and zinc coated steel and steel composite conduits systems | | N/A |
| 14.2.2.1 | Low protection conduit and conduit fittings inspected for completeness of covering by the protective coating, both inside and outside | | N/A |
| 14.2.2.2 | Test for medium protection conduit and conduit fittings: after completion of the test, the samples showed no more than two blue coloured spots on each square centimetre of the surface, and no blue spot had a dimension larger than 1,5 mm | | N/A |
| 14.2.2.3 | Test for high protection conduit and conduit fittings: after the test, the sample showed no precipitation of copper which cannot be scrubbed off in running water, if necessary after immersion for 15 s in a 10% solution of hydrochloric acid in water | | N/A |
| 15 | ELECTROMAGNETIC COMPATIBILITY | | N/A |
| | Products covered by this standards are, in normal use, passive in respect of electromagnetic influences (emission and immunity) | | N/A |

| IEC 61386-24 | | | |
|--------------|--------------------|-----------------|---------|
| Clause | Requirement + Test | Result - Remark | Verdict |

| 8 - Dimensions: TABLE 101 - Conduits diameters | | | | | |
|--|-----------------|--------------------------------|---------------------------|---------------|------------------|
| Nominal outside diameter (mm) | Tolerances (mm) | Outside diameter measured (mm) | Min. inside diameter (mm) | Measured (mm) | Comply (P-F-N/A) |
| 25 | +0,5/0 | 25,2 | 18 | 19,4 | P |
| 32 | +0,6/0 | | 24 | | N/A |
| 40 | +0,8/0 | 40,4 | 30 | 33,8 | P |
| 50 | +1,0/0 | | 37 | | N/A |
| 63 | +1,2/0 | | 47 | | N/A |
| 75 | +1,4/0 | | 56 | | N/A |
| 90 | +1,7/0 | | 67 | | N/A |
| 110 | +2,0/0 | 110,9 | 82 | 94,1 | P |
| 125 | +2,3/0 | | 94 | | N/A |
| 140 | +2,6/0 | | 106 | | N/A |
| 160 | +2,9/0 | | 120 | | N/A |
| 180 | +3,3/0 | | 135 | | N/A |
| 200 | +3,6/0 | | 150 | | N/A |
| 225 | +4,1/0 | | 170 | | N/A |
| 250 | +4,5/0 | | 188 | | N/A |
| Note: | | | | | |

| 8.2 | TABLE: Checking of minimum inside diameter of the conduit system | | | N/A |
|-----------------------------------|---|---|------------------|-----|
| Size | Minimum inside diameter of the conduit system declared by manufacturer (mm) | Inside diameter of the conduit system measured (mm) | Comply (P-F-N/A) | |
| | | | N/A | |
| | | | N/A | |
| | | | N/A | |
| Supplementary information: | | | | |

| IEC 61386-24 | | | |
|--------------|--------------------|-----------------|---------|
| Clause | Requirement + Test | Result - Remark | Verdict |

| 10.2 | | TABLE: Compression test | | | | | P |
|------|--------------|-------------------------|-------|----------------------|----------------------------|-------------------------|---------|
| | | code | | | 250/450/750N | | — |
| Size | N° of sample | Ø _{bt} (mm) | F (N) | Code Compression 5 % | Ø _{bt} - Ø 5%(mm) | No visible cracks (P/F) | Verdict |
| 25 | 1 | 25,08 | 848 | 1,25 mm | 1,11 | P | P |
| 25 | 2 | 25,40 | 821 | 1,27 mm | 1,16 | P | P |
| 25 | 3 | 25,28 | 817 | 1,26 mm | 1,16 | P | P |
| 40 | 1 | 40,46 | 842,9 | 2,02 mm | 1,80 | P | P |
| 40 | 2 | 40,76 | 756,7 | 2,03 mm | 1,82 | P | P |
| 40 | 3 | 40,21 | 876,7 | 2,01 mm | 1,72 | P | P |
| 110 | 1 | 110,16 | 858,8 | 5,51 mm | 4,81 | P | P |
| 110 | 2 | 111,44 | 900,6 | 5,57 mm | 4,64 | P | P |
| 110 | 3 | 110,78 | 860,1 | 5,54 mm | 4,83 | P | P |

Supplementary information:

F = Compression at a rate of (15 ± 0,5) mm/min; when reaching the deflection of 5% of the original outside diameter the applied force shall be at least 250 N or 450 N or 750 N =

Ø_{bt} Outside diameter measured before the test

Ø_{bt} - Ø5 % = Difference between outside diameter measured before and during the application of the force reaching the value 250N /450N/750N =

Code Compression 5 % = Calculated maximum allowed deflection (5% of the outside diameter measured before the test)

| IEC 61386-24 | | | |
|--------------|--------------------|-----------------|---------|
| Clause | Requirement + Test | Result - Remark | Verdict |

| Size | N° of sample | Check of possibility to pass the gauge specified in 10.4.3 through the sample | | No sign of disintegration / No visible cracks | | Total n° of samples which passed the test | Verdict |
|-----------------------------------|---------------------------------------|---|-------------------------------------|---|-------------------------------------|---|---------|
| | | N° of samples which passed the test | N° of samples which failed the test | N° of samples which passed the test | N° of samples which failed the test | | |
| 10.3 | TABLE : Impact test | | | | | | |
| | Classification | | Light (L) / Normal (N) | | | | |
| | Test temperature (°C) | | -5 (± 1) | | | | |
| | Mass of hammer (table 102) (kg) | | 5 | | | | |
| | Fall height (table 101) (mm) | | Ø 25: 300 Ø 40: 300 Ø110: 570 | | | | |
| 25 | 1-12 | 12 | 0 | 12 | 0 | 12 | P |
| 40 | 1-12 | 12 | 0 | 12 | 0 | 12 | P |
| 110 | 1-12 | 12 | 0 | 12 | 0 | 12 | P |
| Supplementary information: | | | | | | | |

| Size | N° of sample | Possibility to remove the bending aid without damage (P/F) | No visible cracks (P/F) | Possibility to pass the gauge of figure 102 (P/F) | Verdict |
|-----------------------------------|--|--|-------------------------|---|---------|
| | | | | | |
| | Specified bending radius (mm)..... | | N/A | | |
| | 3 samples at temperature (-5 ± 1) °C during 2 h; 3 samples at room temperature | | N/A | | |
| | Checking of the minimum inside diameter (mm) | | N/A | | |
| | 1-6 | | | | N/A |
| Supplementary information: | | | | | |

| IEC 61386-24 | | | |
|--------------|--------------------|-----------------|---------|
| Clause | Requirement + Test | Result - Remark | Verdict |

| 11.2 | TABLE: Bonding test (under consideration) | | | | N/A |
|-----------------------------------|---|--|---------------------------|-------------------------|---------|
| | Classification (sixth digit) | | | 1/3 | — |
| Size | N° of assembly sample | Art./Type Ref. of the terminating conduit fitting assembled to the conduit | Voltage drop measured (V) | Resistance (Ω) | Verdict |
| | | | | | N/A |
| Supplementary information: | | | | | |

| 11.3.1 | TABLE: Electrical insulating strength and resistance test (conduits) | | | | P |
|--|--|---|--|---------|---|
| Size | N° of sample | Device incorporated into the circuit not trip during the insulating strength test (P/F) | Insulation resistance measured ($M\Omega$) | Verdict | |
| 25 | 1 | P | $> 3 \times 10^4$ | P | |
| 25 | 2 | P | $> 3 \times 10^4$ | P | |
| 25 | 3 | P | $> 3 \times 10^4$ | P | |
| 110 | 1 | P | $> 3 \times 10^4$ | P | |
| 110 | 2 | P | $> 3 \times 10^4$ | P | |
| 110 | 3 | P | $> 3 \times 10^4$ | P | |
| Supplementary information: At the request of the manufacturer Electrical properties were tested according to IEC 61386-1:2008+A1:2017 Clause 11.3.1. The testing of Electrical properties is not obligatory according to this product standard, therefore the result are informative. | | | | | |

| 11.3.2 | TABLE: Electrical insulating strength and resistance test (conduit fittings) | | | | N/A |
|--|--|---------------------------------------|---|--|---------|
| Size | N° of sample | Art./Type Ref. of the conduit fitting | Device incorporated into the circuit not trip during the insulating strength test (P/F) | Insulation resistance measured ($M\Omega$) | Verdict |
| | 1 | | | | N/A |
| | 2 | | | | N/A |
| | 3 | | | | N/A |
| Supplementary information: Under consideration. | | | | | |

| IEC 61386-24 | | | |
|--------------|--------------------|-----------------|---------|
| Clause | Requirement + Test | Result - Remark | Verdict |

| 13.1.3.1 | | TABLE: Glow-wire test (non-metallic and composite conduit fittings) | | | | N/A |
|----------------------------|--------------|---|--|--|---------|-----|
| | | Material designation | | | | — |
| | | Test temperature (°C) | | | | — |
| Size | N° of sample | Art./Type Ref. of the conduit fitting | Visible flame or sustained glowing (Y/N) | Time of extinguishment of flames and glowing, if any, after removal of the glow-wire (s) | Verdict | |
| | 1 | | | | N/A | |
| | 2 | | | | N/A | |
| | 3 | | | | N/A | |
| Supplementary information: | | | | | | |

| 13.1.3.2 | | TABLE: Flame-propagation resistance test (non-metallic and composite conduits) | | | | | | P |
|----------------------------|--------------|--|-----------------------------------|-----------------------------|---|---------------------------------------|--|---------|
| | | Material designation | | | | PE | | — |
| Size | N° of sample | Highest mean material thickness (mm) | Flame application time (+1/0) (s) | Sample did not ignite (P/F) | Time of extinguishment of flaming or glowing, if any, after removal of the test flame (s) | No ignition of the tissue paper (P/F) | No evidence of burning or charring (P/F) | Verdict |
| 25 | 1 | 3,2 | 65 | P | N/A | P | P | P |
| 40 | 2 | 3,7 | 75 | P | N/A | P | P | P |
| 110 | 3 | 7,2 | 500 | P | N/A | P | P | P |
| Supplementary information: | | | | | | | | |

| IEC 61386-24 | | | |
|--------------|--------------------|-----------------|---------|
| Clause | Requirement + Test | Result - Remark | Verdict |

| 14.1.1 | TABLE: Verification of protection against ingress of solid objects | | | N/A | |
|-----------------------------------|---|--|--|---|---------|
| | Classification - Protection against ingress of solid objects (seventh digit) | | 3/4/5/6 | — | |
| | For IP5X, category 2 applied | | | N/A | |
| Size | N° of assembly sample | Art./Type Ref. of the conduit fitting with a short length of conduit assembled in each conduit entry | Assembly tested in accordance with the appropriate test of IEC 60529 (P/F) | No ingress of dust visible to normal or corrected vision without magnification in the assembly tested for IP5X or IP6X (P/F/NA) | Verdict |
| | | | | | N/A |
| Supplementary information: | | | | | |

| 14.1.2 | TABLE: Verification of protection against ingress of water | | | N/A | |
|-----------------------------------|--|--|--|--|---------|
| | Classification - Protection against ingress of water (eighth digit) | | 0/1/2/3/4/5/6/7 | — | |
| | Oscillating tube used for IPX3 and IPX4 | | | N/A | |
| Size | N° of assembly sample | Art./Type Ref. of the conduit fitting with a short length of conduit assembled in each conduit entry | Assembly tested in accordance with the appropriate test of IEC 60529 (P/F) | No sufficient ingress of water to form a drop visible to normal or corrected vision without magnification in the assembly tested for IPX1 and above (P/F/NA) | Verdict |
| | | | | | N/A |
| Supplementary information: | | | | | |

List of test equipment used: N/A

A completed list of used test equipment shall be provided in the Test Reports when a Manufacturer Testing Laboratory according to CTF stage 1 or CTF stage 2 procedure has been used.

Note: This page may be removed when CTF stage 1 CTF stage 2 are not used. See also clause 4.8 in OD 2020 for more details.

| Clause | Measurement / testing | Testing / measuring equipment / material used, (Equipment ID) | Range used | Last Calibration date | Calibration due date |
|--------|-----------------------|---|------------|-----------------------|----------------------|
| N/A | | | | | |
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