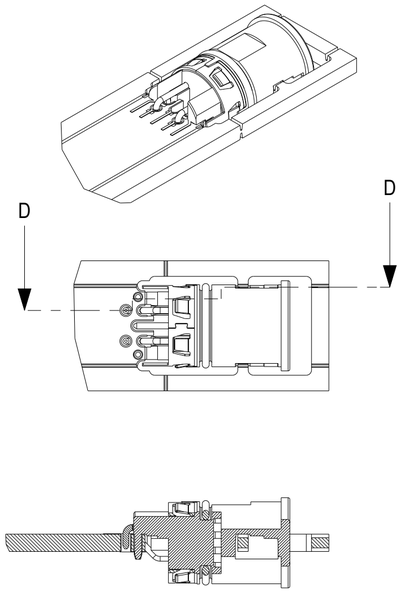
## Leiterplatten Optionen / *PCB options*

Leiterplattendicke 2 mm
Layoutempfehlung siehe 225321

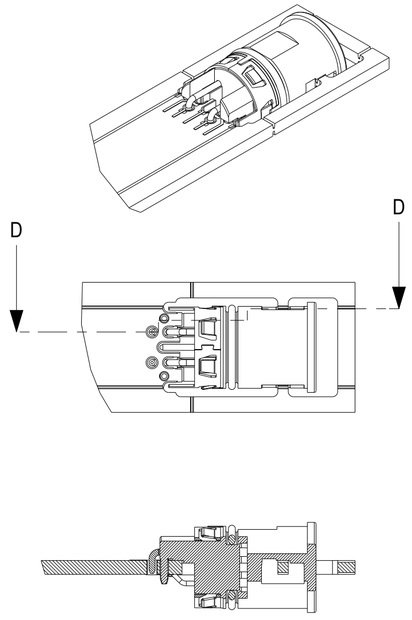
*PCB thickness 2 mm*
*For recommended dims see 225321*




SCHNITT D-D
*SECTION D-D*

Leiterplattendicke 1,6 mm
Layoutempfehlung siehe 225321

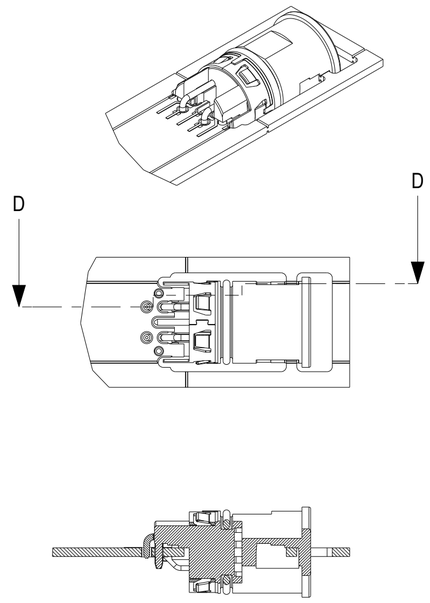
*PCB thickness 1,6 mm*
*For recommended dims see 225321*




SCHNITT D-D
*SECTION D-D*

Leiterplattendicke 1 mm
Layoutempfehlung siehe 225321

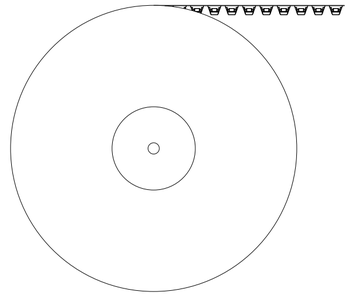
*PCB thickness 1 mm*
*For recommended dims see 225321*



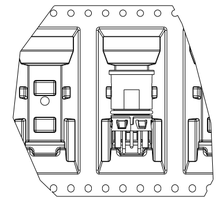

SCHNITT D-D
*SECTION D-D*

## Verpackung / *Packaging tape and reel (T&R)*

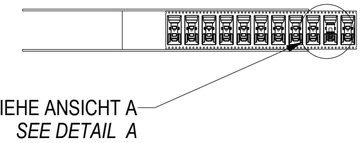
Abspulrichtung / *Reel off direction*



M 1:5
*SCALE 1:5*



ANSICHT A
M 1:1
*DETAIL A*
*SCALE 1:1*



SIEHE ANSICHT A
*SEE DETAIL A*

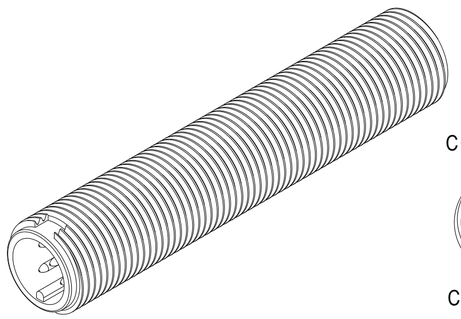
VPE: 250 Stück
*PU: 250 pcs.*

Technische Daten siehe Document 225407
*Technical data see document 225407*

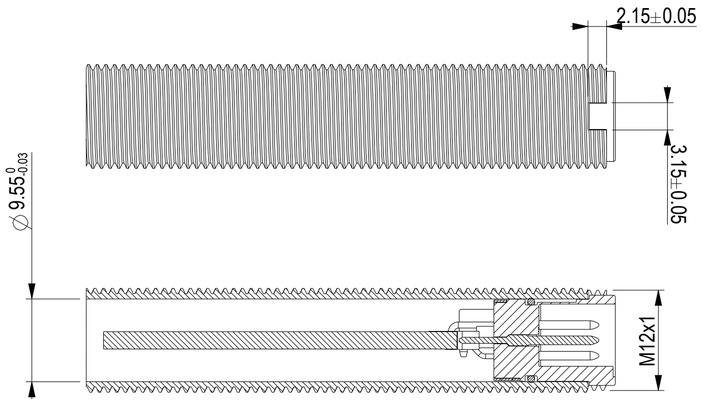
## Anwendungsbeispiel / *Application example*

Hinweise:
Für den O-Ring ist eine Einführschrage vorzusehen! Zur Verringerung der Montagekräfte den O-Ring oder das Gehäuse ggf. befetten.
Je nach Lötverfahren oder Lötanlage kann es notwendig sein den O-Ring erst nach dem Löten zu montieren.

*Note:*
*For the O-ring there has to be a smooth chamfer at the housing!*
*For reduction of assembly force grease for O-ring or housing can be used if applicable.*
*Dependent on soldering process or solder machines there can be a need to attach the O-ring after soldering.*




Version mit Verdrehschutz
*Version with torque ribs*




SCHNITT C-C
M 2:1
*SECTION C-C*
*SCALE 2:1*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 225242 | 2 | no | no | yes | 5 | 1,2,3,4,5 | T&R | |
| 225243 | 3 | no | no | yes | 4 | 1,2,3,4 | T&R | |
| 225245 | 4 | no | no | yes | 5 | 1,2,3,4,5v | T&R | Kontakt 5 vorellend<br>*Contact 5 early mate* |
| 225246 | 2 | no | yes | yes | 5 | 1,2,3,4,5 | T&R | |
| 225247 | 3 | no | yes | yes | 4 | 1,2,3,4 | T&R | |
| 225249 | 4 | no | yes | yes | 5 | 1,2,3,4,5v | T&R | Kontakt 5 vorellend<br>*Contact 5 early mate* |
| 225515 | 2 | yes | no | yes | 5 | 1,2,3,4,5 | T&R | |
| 225516 | 3 | yes | no | yes | 4 | 1,2,3,4 | T&R | |
| 225518 | 2 | yes | yes | yes | 5 | 1,2,3,4,5 | T&R | |
| 225519 | 3 | yes | yes | yes | 4 | 1,2,3,4 | T&R | |
| Ident-Nr.<br>*Ident-No.* | Zeichn. Blatt<br>*Drw. Sheet* | Verdrehschutz<br>*Antitwist option* | Schirm<br>*Shield* | O-ring<br>*O-ring* | Polzahl<br>*No. pins* | Kontakt Nr.<br>*Contact No.* | Verpackung<br>*Packaging* | Bemerkung<br>*Remarks* |

Information
.

Tolerances

All Dimensions in mm

Scale 2:1

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Designation alle Varianten / *all versions*

M12 90° M A THR Frontmontage
*M12 90° M A THR front mount*

ERNI www.ERNI.com

225250

I (1 / 4)

A2

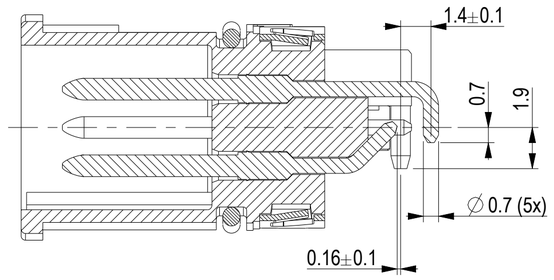
| Index | | Date |
|---|---|---|
| B | | 06.10.17 |

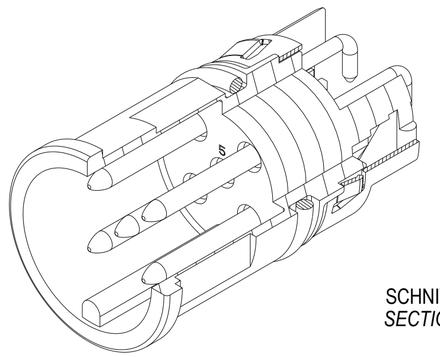
Class M12

Handschriftliche Änderungen auf CAD Zeichnungen sind nicht zulässig!

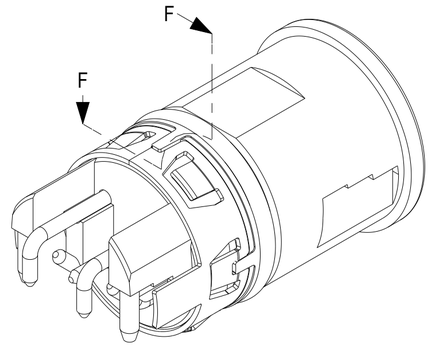
| Ident-Nr.<br>*Ident-No.* | O-ring<br>*O-ring* | Schirm<br>*Shield* | Verdrehschutz<br>*Antitwist option* | Verguß<br>*Potting* |
|---|---|---|---|---|
| 225242 | yes 7.2x0.8 | no | no | needed |
| 225246 | yes 7.2x0.8 | yes | no | recommended |
| 225515 | yes 7.2x0.8 | no | yes | not needed |
| 225518 | yes 7.2x0.8 | yes | yes | not needed |

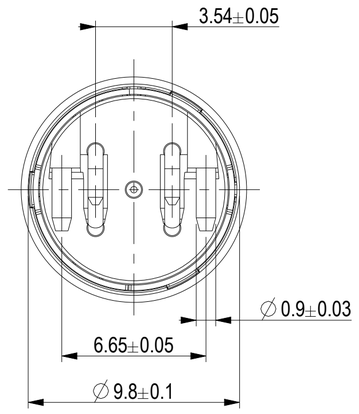
Darstellung mit Schirm und O-Ring
*Drawn with shield and O-ring*



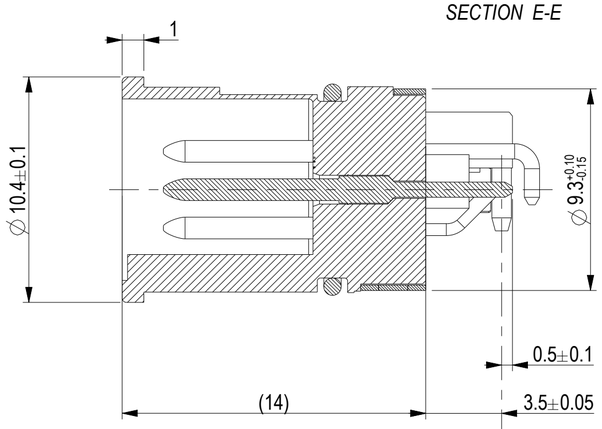
SCHNITT F-F
*SECTION F-F*

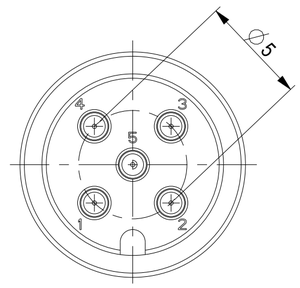


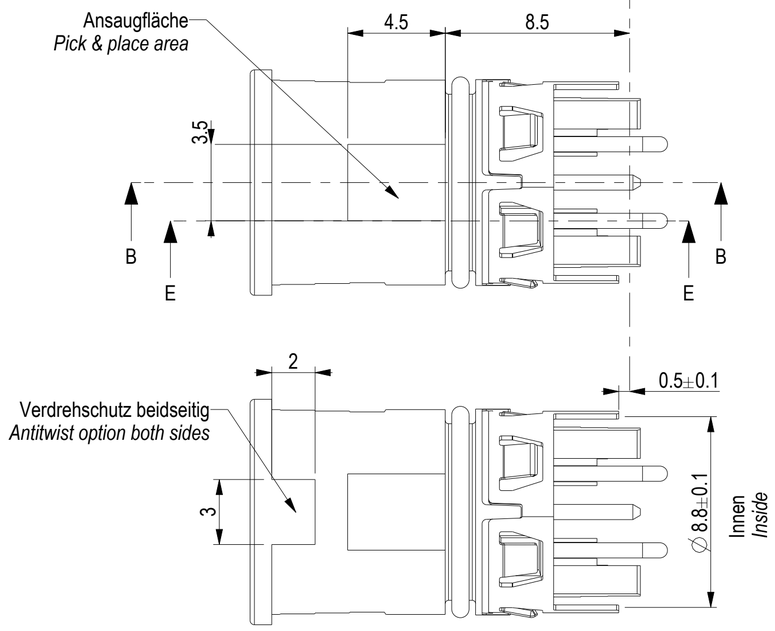

Gemessen über Schirmkontakte
*Measured over shield contacts*

SCHNITT E-E
*SECTION E-E*




SCHNITT B-B
*SECTION B-B*

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*Mating face acc. IEC 61076-2-101*

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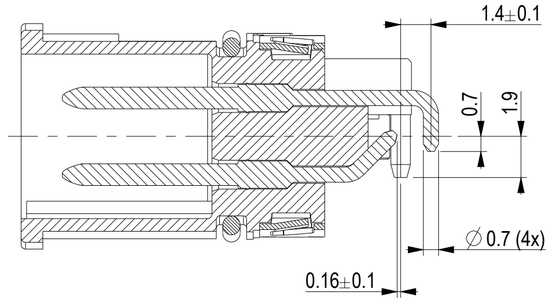
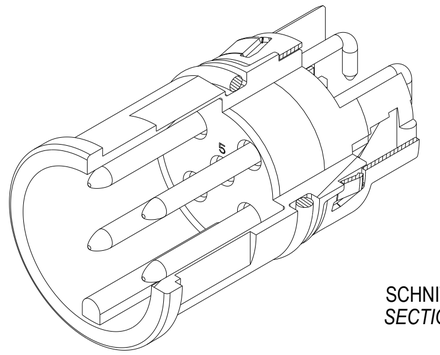
| B 06.10.17<br>Index Date | ERNI www.ERNI.com | 225250 | I (2 / 4)<br>A2 |
| | | Class M12 | |

| Ident-Nr.<br>*Ident-No.* | O-ring<br>*O-ring* | Schirm<br>*Shield* | Verdrehschutz<br>*Antitwist option* | Verguß<br>*Potting* |
|---|---|---|---|---|
| 225243 | yes 7.2x0.8 | no | no | needed |
| 225247 | yes 7.2x0.8 | yes | no | recommended |
| 225516 | yes 7.2x0.8 | no | yes | not needed |
| 225519 | yes 7.2x0.8 | yes | yes | not needed |

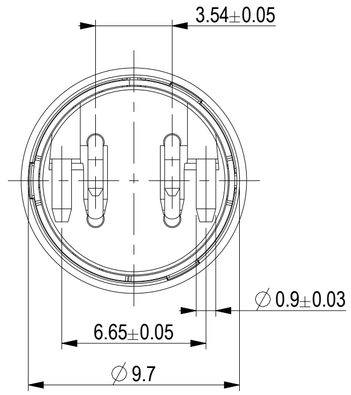
Darstellung mit Schirm und O-Ring
*Drawn with shield and O-ring*



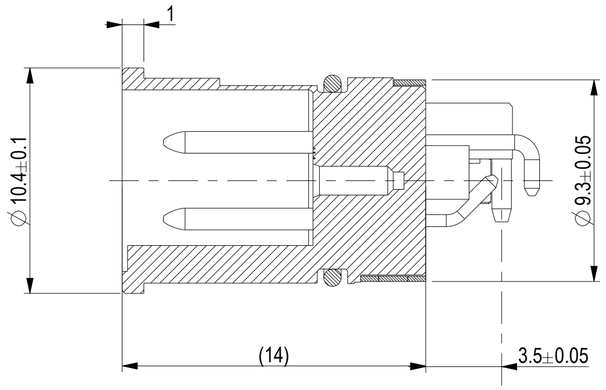

SCHNITT E-E
*SECTION E-E*



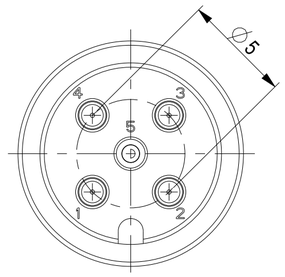
SCHNITT F-F
*SECTION F-F*

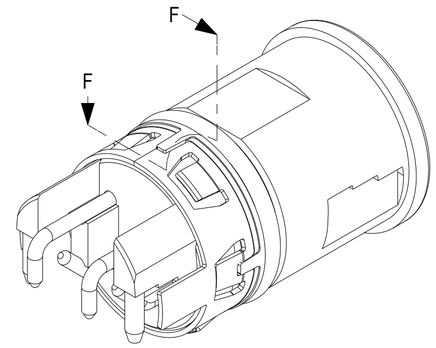


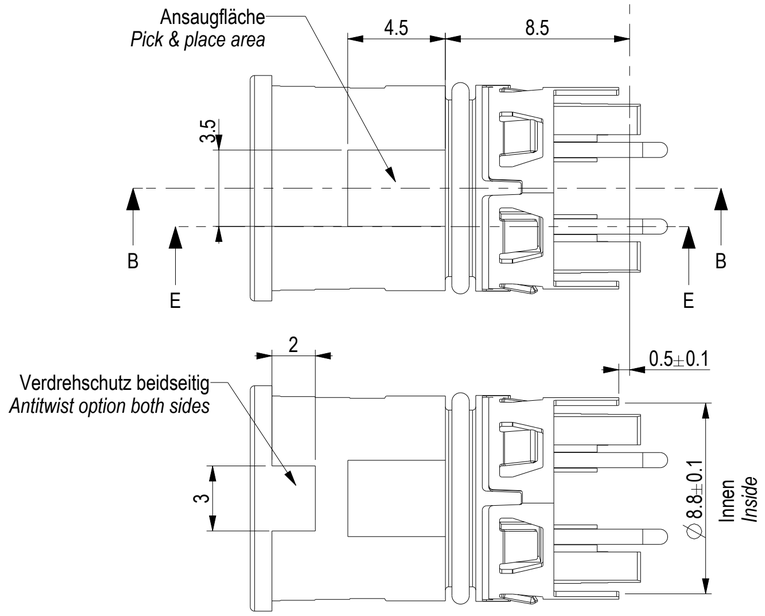

Gemessen über Schirmkontakte
*Measured over shield contacts*




SCHNITT B-B
*SECTION B-B*

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*Mating face acc. IEC 61076-2-101*

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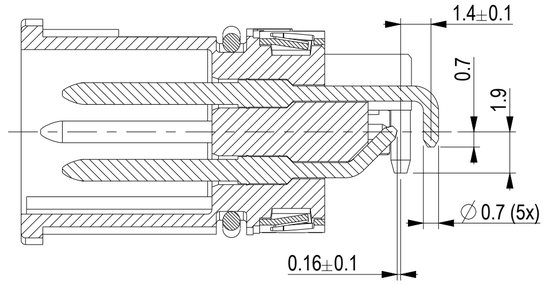
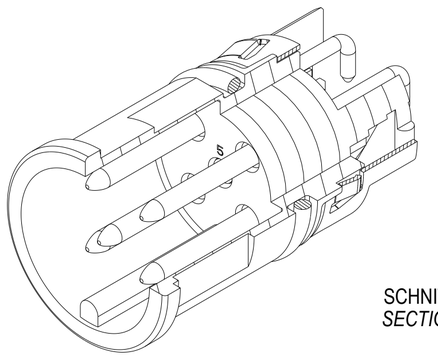
| B 06.10.17<br>Index Date | ERNI www.ERNI.com | 225250 | I (3 / 4) A2 |
| | | Class M12 | |

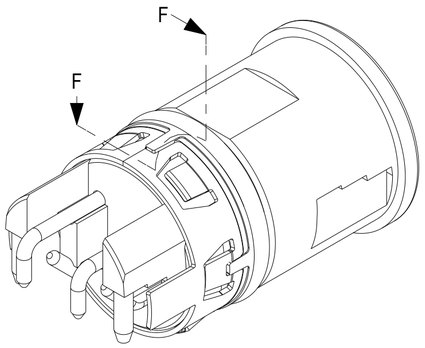
| Ident-Nr.<br>*Ident-No.* | O-ring<br>*O-ring* | Schirm<br>*Shield* | Verdrehschutz<br>*Antitwist option* | Verguß<br>*Potting* |
|---|---|---|---|---|
| 225245 | yes 7.2x0.8 | no | no | needed |
| 225249 | yes 7.2x0.8 | yes | no | recommended |

Darstellung mit Schirm und O-Ring
*Drawn with shield and O-ring*

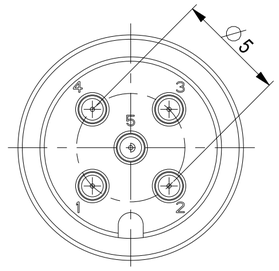


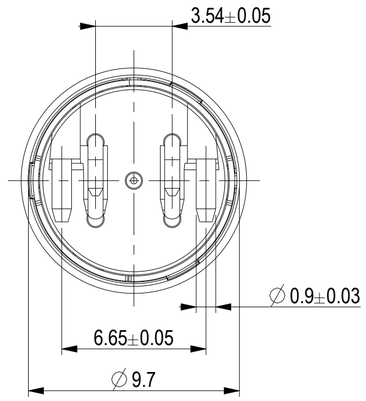



SCHNITT F-F
*SECTION F-F*

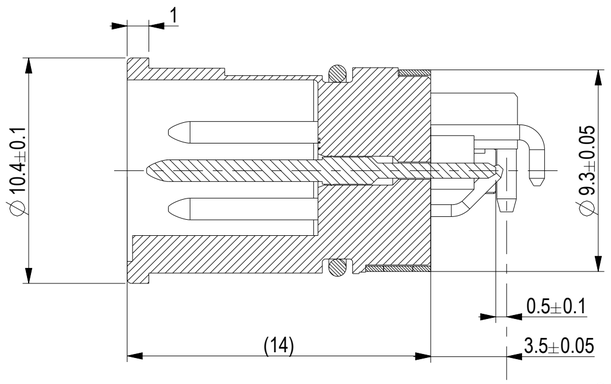



SCHNITT E-E
*SECTION E-E*

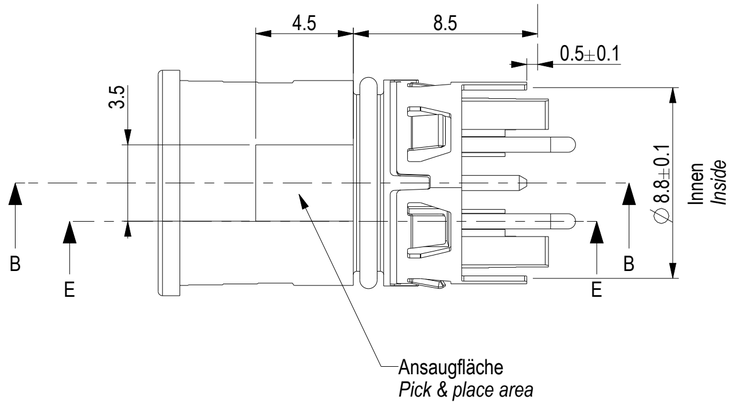



Gemessen über Schirmkontakte
*Measured over shield contacts*




SCHNITT B-B
*SECTION B-B*

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| B 06.10.17<br>Index Date | ERNI www.ERNI.com | 225250 | I (4 / 4)<br>A2 |
| | | Class M12 | |

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