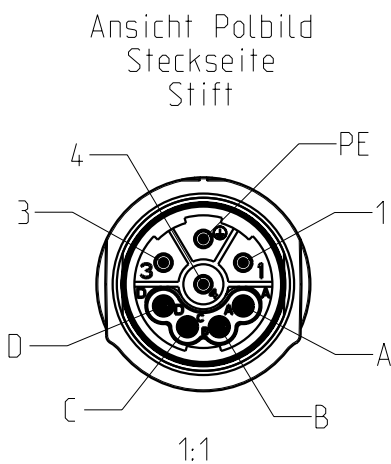
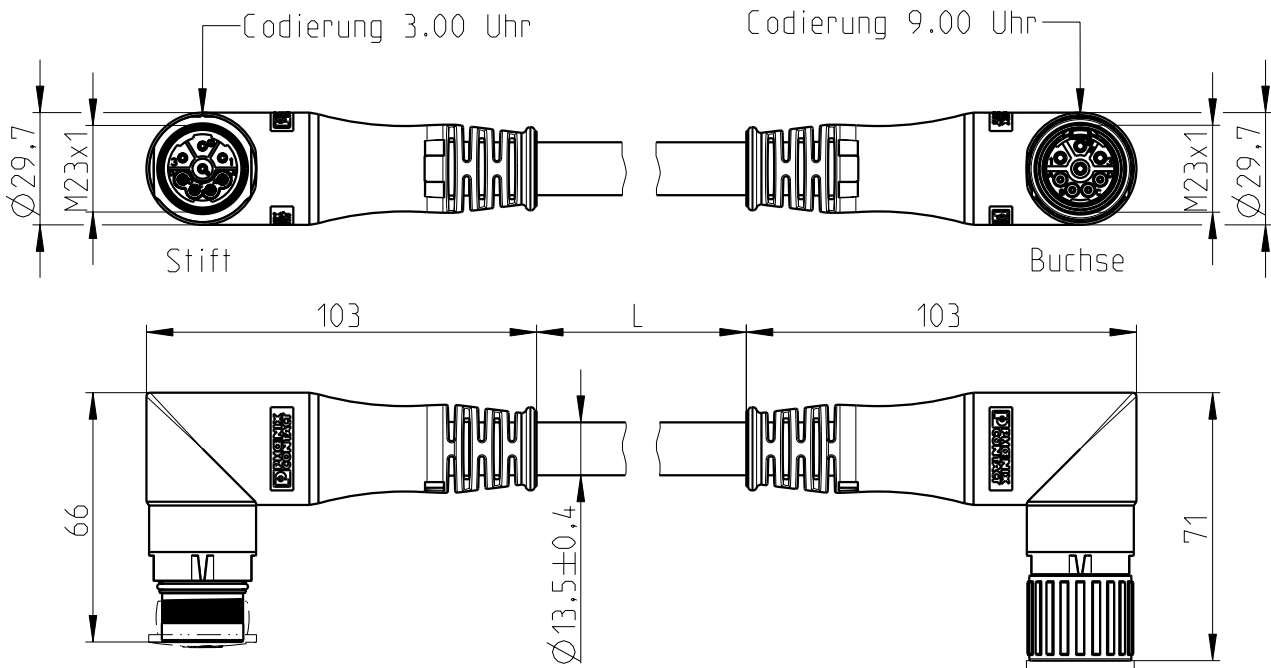


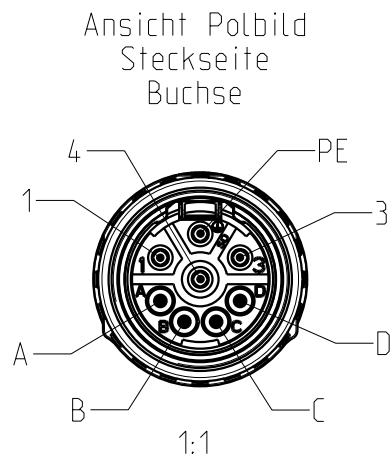
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| Mechanische Daten<br>(in Anlehnung an IEC 61076-2-101) |                 | Material              |                  | Artikel-Nr. | L (m) |
|--------------------------------------------------------|-----------------|-----------------------|------------------|-------------|-------|
| Polzahl                                                | 8 (3+PE+4)      | Gehäuse / Oberfläche  | GD-Zn / CuZn Ni  | 1623934     | 1,0   |
| Kontaktanschlussart                                    | Crimp           | Kontaktträger         | PA 66 / UL 94 V0 | 1627303     | 3,0   |
| Kontakt-Ø                                              | 4x1mm, 4x2mm    | Farbe                 | RAL 7035         | 1627308     | 1,5   |
| Temperaturbereich                                      | -25 °C / +60 °C | Kabel / Mantelfarbe   | PUR / Orange     | 1628010     | 0,6   |
| Schutzart                                              | IP 66 / 67      | Querschnitt           | 4G2,5+2X(2X1,00) |             |       |
| Steckzyklen                                            | 100             | Kontakte / Oberfläche | CuZn, vergoldet  |             |       |
| Verriegelung                                           | M23 STANDARD    | Dichtung              | FKM, NBR         |             |       |



| Belegungsplan |                        |              |
|---------------|------------------------|--------------|
| Polz. Stift   | Farbe                  | Polz. Buchse |
| 1             | schwarz 1              | 1            |
| 3             | schwarz 2              | 3            |
| 4             | schwarz 3              | 4            |
| PE            | grün-gelb              | PE           |
| A             | schwarz 5              | A            |
| B             | schwarz 6              | B            |
| C             | schwarz 7              | C            |
| D             | schwarz 8              | D            |
| Gehäuse       | Innen- und Außenschirm | Gehäuse      |

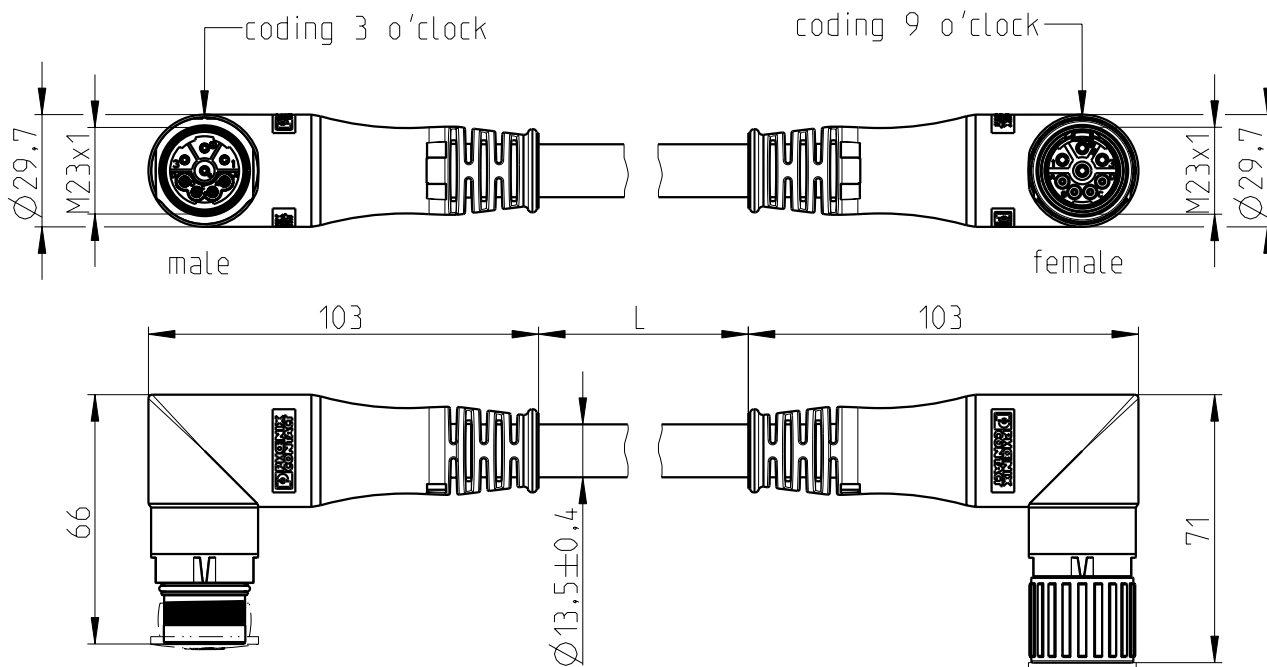


|                                                                                     |            |        |                                                                                     |  |                           |  |                 |                    |  |
|-------------------------------------------------------------------------------------|------------|--------|-------------------------------------------------------------------------------------|--|---------------------------|--|-----------------|--------------------|--|
| Freimaßtoleranzen<br>nach DIN ISO 2768-c                                            |            |        | Technische Änderungen vorbehalten                                                   |  | Index 3 / 2016-07-19      |  | Maßstab:<br>1:2 |                    |  |
|                                                                                     | Datum      | Name   | Serie KSF<br>Kabelsteckverbinder / gewinkelt<br>Kupplungssteckverbinder / gewinkelt |  |                           |  |                 | Blatt: 1<br>von: 1 |  |
| Bearb.                                                                              | 2015-07-15 | coef01 |                                                                                     |  |                           |  |                 |                    |  |
| Gepr.                                                                               | 2015-07-16 | cosj02 |                                                                                     |  |                           |  |                 |                    |  |
|  |            |        | Zeichnungs-Nr.:                                                                     |  | KSF7ESPKM32AXXX (XXX=L)   |  | Dok.-Nr.:       | 00884053           |  |
|                                                                                     |            |        | Artikel-Nr.:                                                                        |  | siehe Tabelle             |  |                 |                    |  |
|                                                                                     |            |        | Artikelbezeichnung:                                                                 |  | K-7E-M23MM/1,0-D03/M23 FK |  |                 |                    |  |

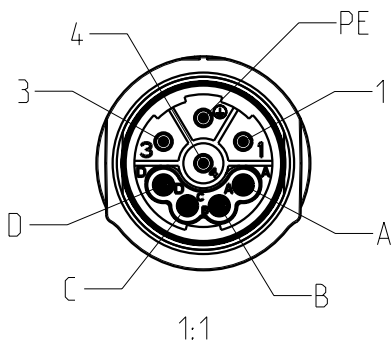
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| Mechanical data<br>(according to IEC 61076-2-101) |                 | Material           |                   | order-no. | L (m) |
|---------------------------------------------------|-----------------|--------------------|-------------------|-----------|-------|
| no. of poles                                      | 8 (3+PE+4)      | housing / surface  | GD-Zn / CuZn Ni   | 1623934   | 1,0   |
| contact termination                               | crimp           | contact carrier    | PA 66 / UL 94 V0  | 1627303   | 3,0   |
| contact-Ø                                         | 4x1mm, 4x2mm    | colour             | RAL 7035          | 1627308   | 1,5   |
| temperature range                                 | -25 °C / +60 °C | wire               | PUR / orange      | 1628010   | 0,6   |
| protection class                                  | IP 66 / 67      | cross section      | 4G2,5+2X(2X1,00)  |           |       |
| mating cycles                                     | 100             | contacts / surface | CuZn, gold plated |           |       |
| locking system                                    | M23 STANDARD    | sealing gasket     | FKM, NBR          |           |       |



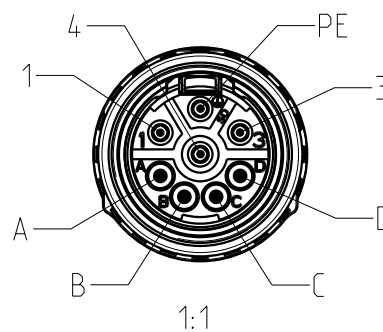
View position-image  
Plug-in side  
male



Pin layout

| pin male | colour                    | pin female |
|----------|---------------------------|------------|
| 1        | black 1                   | 1          |
| 3        | black 2                   | 3          |
| 4        | black 3                   | 4          |
| PE       | green-yellow              | PE         |
| A        | black 5                   | A          |
| B        | black 6                   | B          |
| C        | black 7                   | C          |
| D        | black 8                   | D          |
| housing  | inner and outer shielding | housing    |

View position-image  
Plug-in side  
female



|                                                                                     |            |        |                                                                               |                           |                      |  |               |                  |  |
|-------------------------------------------------------------------------------------|------------|--------|-------------------------------------------------------------------------------|---------------------------|----------------------|--|---------------|------------------|--|
| general tolerance<br>acc. to DIN ISO 2768-c                                         |            |        | technical changes reserved                                                    |                           | Index 3 / 2016-07-19 |  | scale:<br>1:2 |                  |  |
|                                                                                     | date       | name   | Series KSF<br>Cable connector / angled<br>Cable connecting receptacle /angled |                           |                      |  |               | page: 1<br>of: 1 |  |
| design                                                                              | 2015-07-15 | coef01 |                                                                               |                           |                      |  |               |                  |  |
| chk.                                                                                | 2015-07-16 | cosj02 |                                                                               |                           |                      |  |               |                  |  |
|  |            |        | drawing-no.:                                                                  | KSF7ESPKM32AXXX (XXX=L)   |                      |  | doc.-no.:     | 00884053         |  |
|                                                                                     |            |        | order-no.:                                                                    | see chart                 |                      |  |               |                  |  |
|                                                                                     |            |        | article designation:                                                          | K-7E-M23MM/1,0-D03/M23 FK |                      |  |               |                  |  |