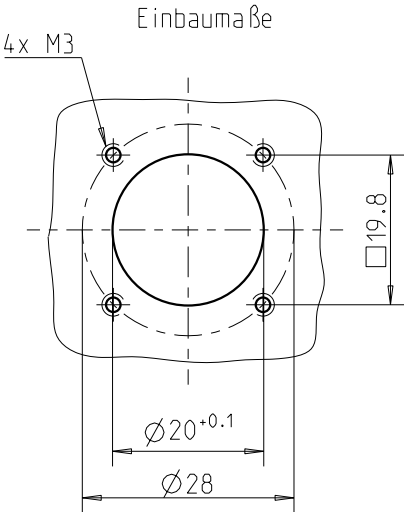
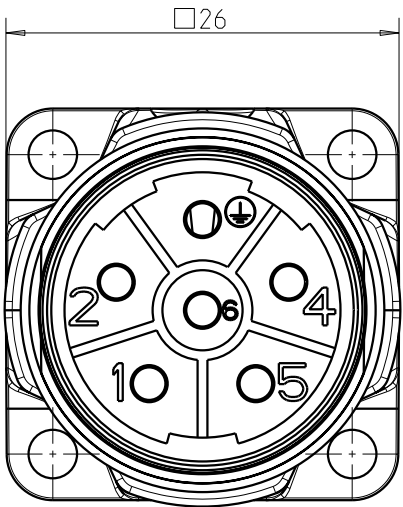
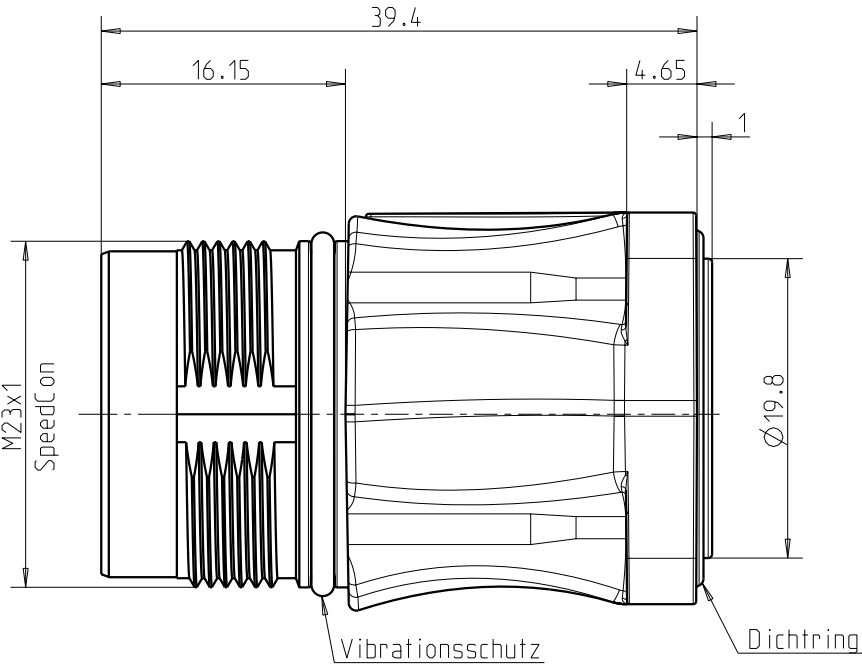
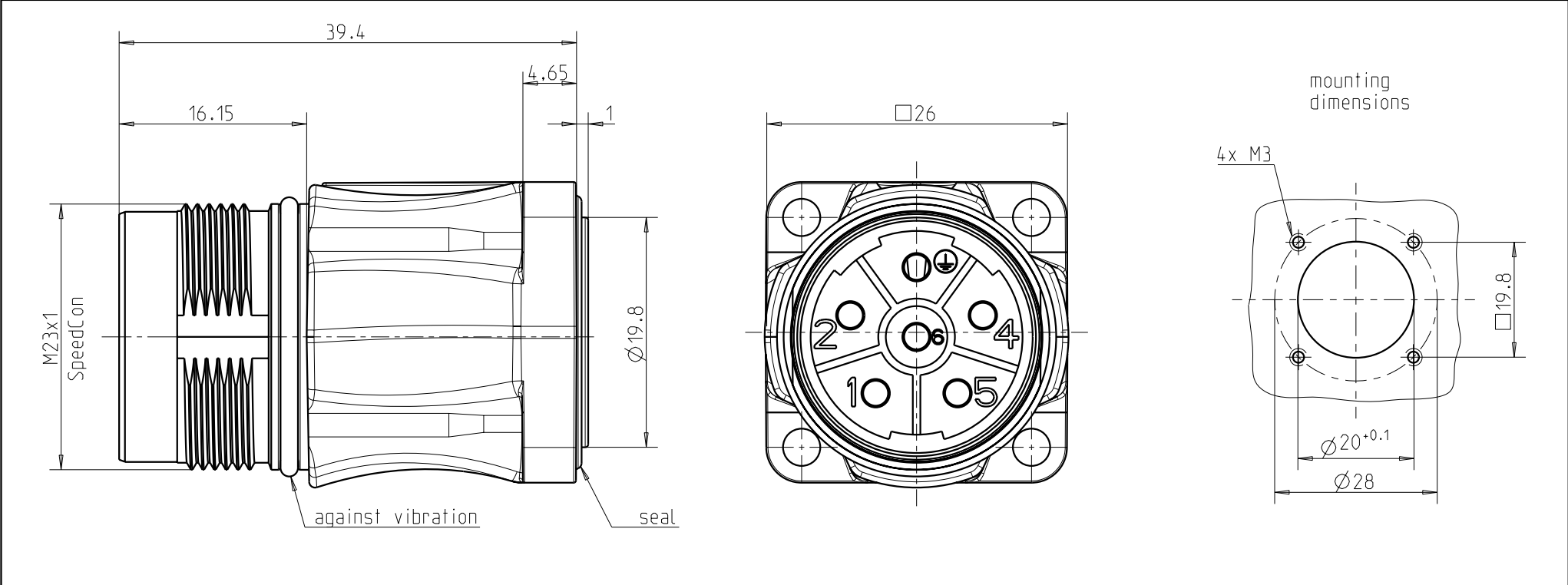




Die angegebenen elektrischen und mechanischen Daten setzen ein korrekt verriegeltes Steckverbinderpaar voraus. Ist der Steckverbinder unverriegelt und besteht die Gefahr von Verschmutzung, so ist der Steckverbinder durch eine Schutzkappe  $\geq$  IP54 zu verschließen.

| Elektrische Daten                            |                  |            |        |                                                                                       |          |          |                                                                                              |  |                              |                     |  |
|----------------------------------------------|------------------|------------|--------|---------------------------------------------------------------------------------------|----------|----------|----------------------------------------------------------------------------------------------|--|------------------------------|---------------------|--|
| Bemessungsstrom bei max. Anschlußquerschnitt |                  |            |        | 2mm Kontakt max. 30A bei 4.0mm <sup>2</sup><br>Tu = 25 °C                             |          |          | Überspannungs-kategorie                                                                      |  | III nach DIN EN 60664-1:2008 |                     |  |
|                                              |                  |            |        |                                                                                       |          |          | Aufstellhöhe                                                                                 |  | bis 3000m                    |                     |  |
| Bemessungsspannung                           |                  |            |        | 630V nach DIN EN 60664-1:2008                                                         |          |          | Durchgangswiderstand                                                                         |  | <3mΩ                         |                     |  |
| Bemessungsstoßspannung                       |                  |            |        | 6000V nach DIN EN 60664-1:2008                                                        |          |          | Verschmutzungsgrad                                                                           |  | 3 nach DIN EN 61984:2009     |                     |  |
|                                              |                  |            |        |                                                                                       |          |          | Technische Änderung vorbehalten                                                              |  |                              | Maßstab:<br><br>2:1 |  |
|                                              |                  |            |        |                                                                                       |          |          |                                                                                              |  |                              |                     |  |
|                                              |                  |            |        |                                                                                       |          |          |                                                                                              |  |                              |                     |  |
|                                              |                  |            |        |                                                                                       | Datum    | Name     | Benennung:<br>Serie SF<br>ConPower P30 M23, Leistungs-Anbaueinheit<br>6- polig; gerade, fest |  |                              |                     |  |
|                                              |                  |            |        | Bearb.                                                                                | 04-01-22 | Scholler |                                                                                              |  |                              |                     |  |
|                                              |                  |            |        | Gepr.                                                                                 |          |          |                                                                                              |  |                              |                     |  |
| 5                                            | Rahmen ge.ä.     | 2017-08-02 | Bengel |                                                                                       |          |          | Zeichnungsnummer:<br><br>SF-5EP1N8AW A00                                                     |  |                              |                     |  |
| 4                                            | Geh. getauscht   | 2014-02-03 | Bengel |                                                                                       |          |          |                                                                                              |  |                              |                     |  |
| 3                                            | Zg. überarbeitet | 18.08.09   | Bengel |                                                                                       |          |          |                                                                                              |  |                              |                     |  |
| 2                                            | neues Layout     | 04-05-11   | Fredl  |  |          |          | Blatt: 1<br>von: 2                                                                           |  |                              |                     |  |
| 1                                            | ----             |            |        |                                                                                       |          |          |                                                                                              |  |                              |                     |  |
|                                              |                  |            |        |                                                                                       |          |          |                                                                                              |  |                              |                     |  |
| Aus-gabe                                     | Änderung         | Datum      | Name   |                                                                                       |          |          | Artikel Nr.: 1605520                                                                         |  |                              |                     |  |



The specified electrical and mechanical data require a correctly locked pair of connectors.  
If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap  $\geq$  IP54.

|                                        |  | Electrical Data                     |  |                                                                          |  |                |                               |                                                                                             |                   |
|----------------------------------------|--|-------------------------------------|--|--------------------------------------------------------------------------|--|----------------|-------------------------------|---------------------------------------------------------------------------------------------|-------------------|
|                                        |  | Rated current at max. cross section |  | 2mm Contact max. 30A at cross section 4.0mm <sup>2</sup><br>Tamb = 25 °C |  |                | Surge voltage category        | III according to EN 60664-1:2008                                                            |                   |
| <b>Mechanical Data</b>                 |  |                                     |  |                                                                          |  |                | Installation height           | up to 3000m                                                                                 |                   |
| Number of pos./ Contact style          |  | 5+PE / pin                          |  | Rated voltage                                                            |  |                | 630V acc. to EN 60664-1:2008  |                                                                                             |                   |
| Contact termination                    |  | crimp                               |  | Rated surge voltage                                                      |  |                | 6000V acc. to EN 60664-1:2008 |                                                                                             |                   |
| Contact-Ø                              |  |                                     |  |                                                                          |  |                |                               | technical changes reserved                                                                  | scale:<br><br>2:1 |
| Temperature range                      |  | -17 °C / +125 °C                    |  |                                                                          |  |                |                               |                                                                                             |                   |
| Degree of protection                   |  | IP 66 / 67, when locked             |  |                                                                          |  |                |                               |                                                                                             |                   |
| Mechanical insertion/withdrawal cycles |  | 100                                 |  |                                                                          |  | design<br>chk. |                               | 18.08.09<br>Bengel                                                                          |                   |
|                                        |  |                                     |  |                                                                          |  |                |                               | description:<br>Series SF<br>ConPower P30 M23, power receptacle<br>6- pole, straight, fixed |                   |
| <b>Material</b>                        |  |                                     |  |                                                                          |  |                |                               | drawing no.:                                                                                |                   |
| Housing                                |  | GD-Zn                               |  |                                                                          |  |                |                               | SF-5EP1N8AW A00                                                                             |                   |
| Insulating body                        |  | PA 66 / UL 94 V0                    |  | see page 1                                                               |  |                |                               | page: 2<br>of: 2                                                                            |                   |
| Contacts                               |  |                                     |  | edition                                                                  |  | changes        |                               | order no.:                                                                                  |                   |
| Seal                                   |  | FKM                                 |  |                                                                          |  | date           |                               | name                                                                                        |                   |
|                                        |  |                                     |  |                                                                          |  |                |                               | 1605520                                                                                     |                   |