

M8 round connector acc. to IEC 61076-2-104:2008

General specifications

|                 |          |
|-----------------|----------|
| Form            | M8       |
| Connection      | female   |
| Connection type | straight |
| Number of pins  | 3        |

Mechanical specifications

|                   |                              |
|-------------------|------------------------------|
| Contact elements  | spring-loaded contact socket |
| Pin diameter      | 1 mm                         |
| Contact materials | CuSn / Au                    |
| Contact surface   | Au                           |
| Body              | TPU, black                   |
| Sleeve connector  | Diecast zinc                 |

Cable

|                        |               |
|------------------------|---------------|
| Sheath material        | PVC           |
| Sheath color           | grey          |
| Sheath diameter        | Ø 4,8 mm      |
| Lenght                 | 5 m ± 50mm    |
| Core isolation         | PVC           |
| Number of cores        | 3-core        |
| Conductor construction | 19 x Ø 0,15mm |
| Cross-section          | 3x0,34 mm²    |

Elektrical specifications

|                   |             |
|-------------------|-------------|
| Operating voltage | max. 60V DC |
| Operating current | max. 4A     |

General properties

|                                            |                 |
|--------------------------------------------|-----------------|
| Ambient temperature                        | -5 ... +70°C    |
| IP protection degree acc. to EN 60529:2000 | IP67/IP68/IP69K |

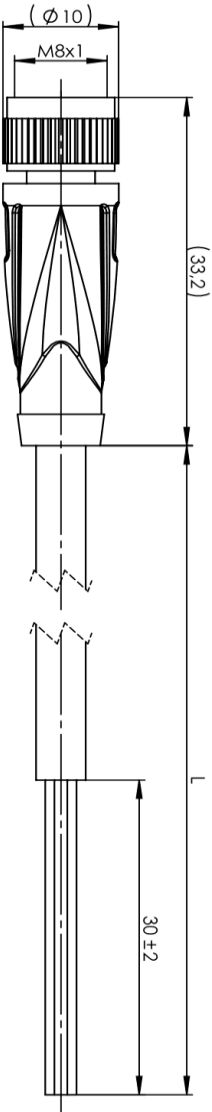
Packaging

|                |
|----------------|
| Single package |
|----------------|

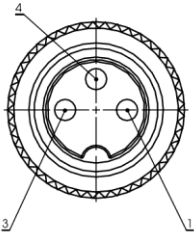
Color of cores

|         |
|---------|
| 1-brown |
| 3-blue  |
| 4-black |

Projected view



Positions of contacts



|                                            |                            |               |            |  |                                                                                                  |                                                                                 |                                      |                      |
|--------------------------------------------|----------------------------|---------------|------------|--|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------|----------------------|
|                                            |                            |               |            |  | Zulässige Abweichung für<br>Maße ohne Toleranzangabe<br>Unless otherwise specified<br>tolerances | Format/Size: A4                                                                 | Maßstab/Scale:                       | Gewicht/Weight:      |
|                                            |                            |               |            |  | DIN ISO 2768-v                                                                                   | Werkstoff:<br>Material:                                                         |                                      |                      |
|                                            |                            |               |            |  | Schutzvermerk beachten<br>Observe protection note<br>ISO 16016                                   |                                                                                 |                                      |                      |
|                                            |                            |               |            |  |               | Benennung:<br>Title:<br><br>Round connector M8 female<br>straight 5/3 PVC 5,00m |                                      |                      |
|                                            |                            |               |            |  |                                                                                                  |                                                                                 |                                      |                      |
| Ind<br>Rev                                 | Änderung-Nr.<br>Change no. | Datum<br>Date | Name<br>By |  |                                                                                                  | Ident. - Nr.:<br><br>617-202-0129                                               | Freigabe-Nr.:<br>Approval no.: 26886 | Blatt:<br>Sheet: 1/1 |
| Geprüft:<br>Checked: 01.08.2016<br>PAL     |                            |               |            |  | Ersatz für/Replacement for:                                                                      |                                                                                 |                                      |                      |
| Erstellt:<br>Created: 01.08.2016<br>MANGRA |                            |               |            |  |                                                                                                  |                                                                                 |                                      |                      |