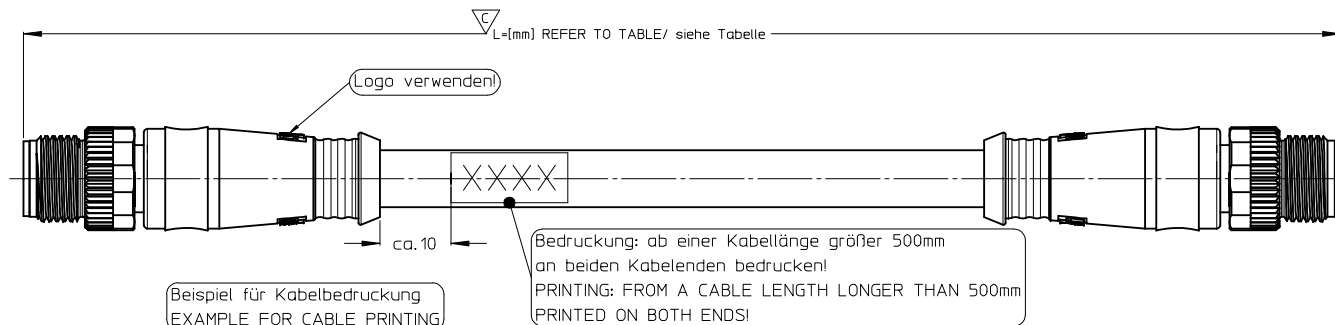
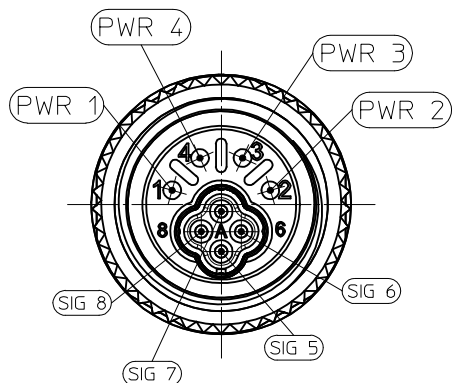
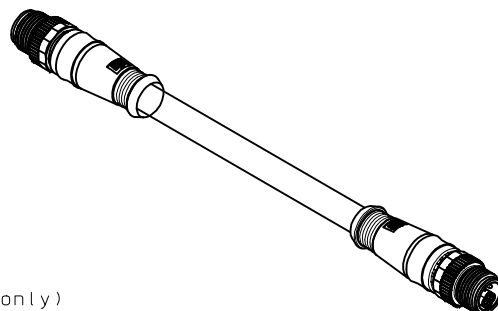




Molex Connectivity GmbH <15mm> Material-No. aus TAB.1 <8mm> Prod.Date <8mm> Kabellänge



TAB.:1

| P/N         | Description / L=(mm)                              |
|-------------|---------------------------------------------------|
| 120244-0200 | D/E Cordset male straight TYPE1 standard 250      |
| 120244-0201 | D/E Cordset male straight TYPE1 standard 500      |
| 120244-0202 | D/E Cordset male straight TYPE1 standard 1000     |
| 120244-0203 | D/E Cordset male straight TYPE1 standard 1500     |
| 120244-0204 | D/E Cordset male straight TYPE1 standard 2000     |
| 120244-0205 | D/E Cordset male straight TYPE1 standard 5000     |
| 120244-0206 | D/E Cordset male straight TYPE1 standard 8000     |
| 120244-0207 | D/E Cordset male straight TYPE1 standard 10000    |
| 120244-0208 | D/E Cordset male straight TYPE1 standard 15000    |
| 120244-0252 | D/E Cordset male straight TYPE3 Schleppkette 500  |
| 120244-0253 | D/E Cordset male straight TYPE3 Schleppkette 2000 |
| 120244-0254 | D/E Cordset male straight TYPE3 Schleppkette 5000 |
| 120244-0255 | D/E Cordset male straight TYPE3 Schleppkette 8000 |

Description:  
M12 Hybrid Cordset applications.  
Transmission after CAT5e (Signal contacts only)  
Special coding.

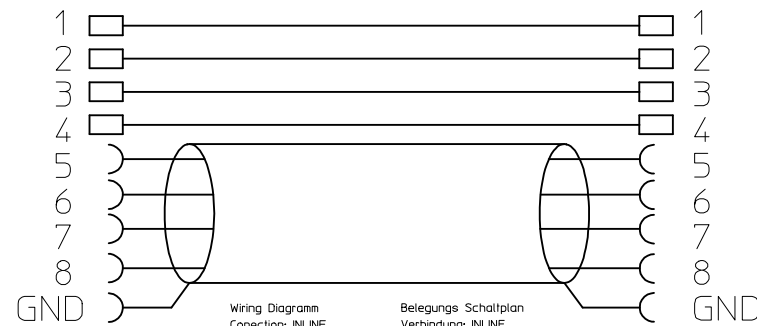
Electrical Data:  
Signal: 4 Poles  
Max. Voltage: 30V  
Max. Current: 0,5A at 55°C  
Contact resistance: <5 mOhm  
Insulation withstand: >100 MOhm  
Impedance: 100 Ohm  
HF performance testing: limits class D/CAT5e,  
according ISO IEC 11801/TIA-568-C.2 "Permanent Link"

Power: 4 Poles  
Max. Voltage: 30V  
Max. Current: 6A at 55°C  
Contact resistance: <5 mOhm  
Insulation withstand: >100 MOhm

Enviromental:  
Protection: IP67  
Temperature Range: -25°C to 75°C

Packaging:  
The cordset is packed and shipped out in a cardboard box.

- 1 - Power 0V
- 2 - Power 0V<sub>Last</sub>
- 3 - Power 24V<sub>Last</sub>
- 4 - Power 24V
- 5 - Signal TX+
- 6 - Signal RX-
- 7 - Signal TX-
- 8 - Signal RX+
- Shielding / GND



|                                                                                                                                       |                                   |             |                                                            |        |                            |                          |                                                                                                                               |                        |                        |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------|------------------------------------------------------------|--------|----------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|--|--|--|
| ENTER DESCRIPTION<br>EC NO: WEU2011-0475<br>DRAWN BY: RSILLER 2011/07/26<br>CHKD: JULETTE MEIER 2012/08/08<br>APPR: BURGER 2012/08/09 | QUALITY SYMBOLS<br><br>▽=0<br>▽=1 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>MM ONLY |                          | SCALE<br>2:1                                                                                                                  | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |  |  |  |
|                                                                                                                                       |                                   |             | mm                                                         | INCH   | DRAWN BY<br>RSILLER        | DATE<br>2011/02/21       | TITLE<br>CSE M12 8P 0C MF STR<br>PUR DE SHLD                                                                                  |                        |                        |  |  |  |
|                                                                                                                                       |                                   |             | 4 PLACES                                                   | ± ---  | ± ---                      | CHECKED BY<br>CFOERDERER | DATE<br>2011/02/24                                                                                                            | MOLEX INCORPORATED     |                        |  |  |  |
|                                                                                                                                       |                                   |             | 3 PLACES                                                   | ± ---  | ± ---                      | APPROVED BY<br>AVOGT     | DATE<br>2011/02/24                                                                                                            |                        |                        |  |  |  |
|                                                                                                                                       |                                   |             | 2 PLACES                                                   | ± 0.05 | ± ---                      | MATERIAL NO.             |                                                                                                                               |                        |                        |  |  |  |
| 1 PLACE                                                                                                                               | ± 0.1                             | ± ---       | ANGULAR ± ---°                                             |        | SEE CHART                  |                          | SD-120244-200                                                                                                                 |                        | 1 OF 1                 |  |  |  |
| A2                                                                                                                                    | REV                               |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |                            |                          | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                        |  |  |  |