

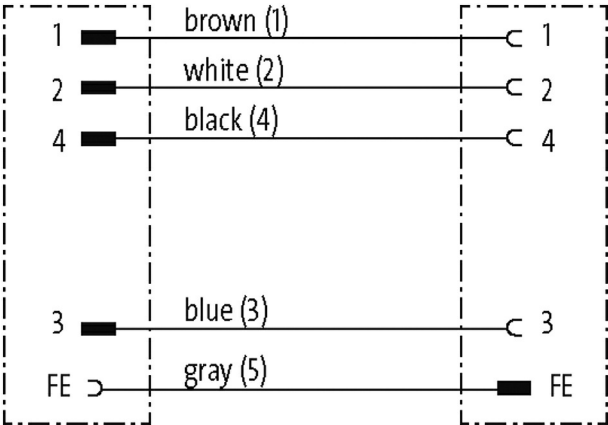
M12 Power L-coded 5pol. male 0° / female 0°

PUR 5x1.5 gy 1,5m

Male straight – female straight  
M12 – M12, 5-pole  
L-coded  
Plastic housings with good resistance against chemicals and oils.  
The resistance to aggressive media should be individually tested for your application. Further details on request.  
Further cable lengths on request.

Link to Product

Illustration



Product may differ from Image

| Form                       |                                          |
|----------------------------|------------------------------------------|
| Form                       | P4241                                    |
| General data               |                                          |
| Standards                  | IEC 61076-2-111                          |
| Pollution Degree           | 3                                        |
| Temperature range          | -25...+85 °C, depending on cable quality |
| Material (gasket)          | FKM                                      |
| Cables                     |                                          |
| Cable number               | 966                                      |
| No./diameter of wires      | 5× 1.5 mm²                               |
| Wire isolation             | PP (br, wh, bl, bk, gr)                  |
| Jacket Color               | gray                                     |
| Material (jacket)          | PUR/PVC                                  |
| Outer Ø                    | 8.7 mm ±5%                               |
| Bend radius (moving)       | 10× outer Ø                              |
| Temperature range (fixed)  | -30...+70 °C                             |
| Temperature range (mobile) | -5...+70 °C                              |
| Cable identification       | 966                                      |
| Approval (cable)           | CE conform                               |

|                                 |                                                |
|---------------------------------|------------------------------------------------|
| Cable weight [g/m]              | 147,40                                         |
| Material (wire)                 | Cu wire, bare                                  |
| Resistor (core)                 | max. 13.3 $\Omega$ /km (20 °C)                 |
| Single wire Ø (core)            | 0.25 mm                                        |
| Construction (core)             | 30× 0.25 mm (multi-strand wire class 5)        |
| Diameter (core)                 | 5× 1.5 mm <sup>2</sup>                         |
| AWG                             | similar to AWG 16                              |
| Material (wire isolation)       | PVC                                            |
| Shore hardness (wire isolation) | 85 ±5 A                                        |
| Wire-Ø incl. isolation          | 2.4 mm ±5%                                     |
| Color/numbering of wires        | bk, bl, wh, br, gr, num                        |
| Stranding combination           | 5 wires twisted around central filler          |
| Shield                          | no                                             |
| Material (jacket)               | PUR/PVC                                        |
| Shore hardness (jacket)         | 85 ±5 A                                        |
| Outer-Ø (jacket)                | 8.7 mm ±5%                                     |
| Color (jacket)                  | gray                                           |
| chemical resistance             | good resistance to oil, gasoline and chemicals |
| Nominal voltage                 | 600 V AC                                       |
| Test voltage                    | 4000 V                                         |
| Temperature range (fixed)       | -30...+70 °C                                   |
| Temperature range (mobile)      | -5...+70 °C                                    |
| Bend radius (moving)            | 10× outer Ø                                    |

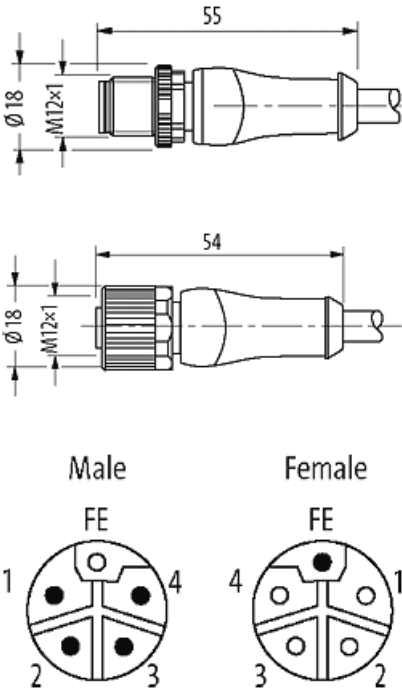
**Technical Data**

|                                           |                                                                  |
|-------------------------------------------|------------------------------------------------------------------|
| Operating voltage                         | max. 63 V AC/DC                                                  |
| Rated surge voltage                       | 1.5 kV                                                           |
| Operating current per contact             | max. 16 A                                                        |
| Material group                            | IEC 60664-1, category I                                          |
| Coding                                    | L-coded                                                          |
| Locking of ports                          | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland                         | M12 (SW17)                                                       |
| Protection                                | IP65 and IP67 when plugged and screwed down (EN 60529)           |
| Locking material                          | Zinc die casting, matte nickel plated                            |
| Material                                  | PUR                                                              |
| suitable for corrugated tube (internal Ø) | 12 mm                                                            |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879647533 |
| eClass                | 27279218      |
| Packaging unit        | 1             |

**Sketch**



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