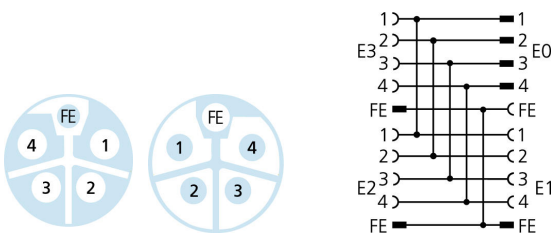
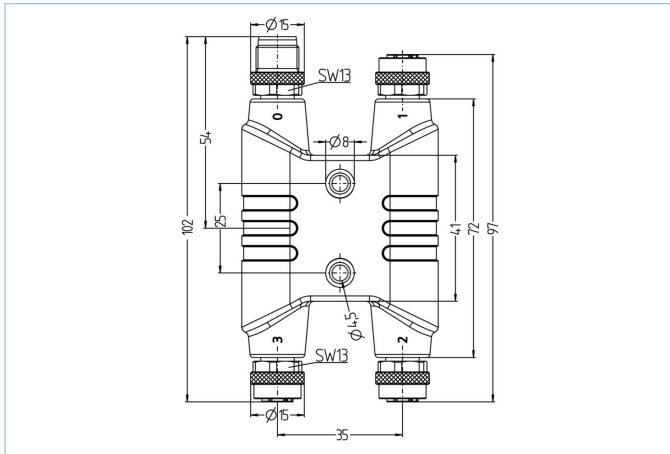
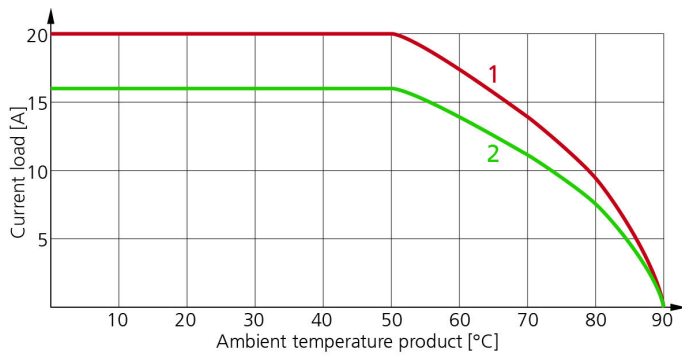


# H-splitter, M12, male, straight, 4+FE, L-coded, M12, female, straight, 4+FE, L-coded, POWER



| Product data                   |                            |                            |
|--------------------------------|----------------------------|----------------------------|
| Item description               | PL-4HM12-S5-3K5            |                            |
| Item-No.                       | 8075821                    |                            |
| Customs tariff-No.             | 85366990                   |                            |
| Step-File                      | PL-4HM12-S5-3K5.stp        |                            |
| EAN                            | 4047106175863              |                            |
| Technical data                 | Exit 0                     | Exit 1-3                   |
| Connector                      | male, M12                  | female, M12                |
| Contact material               | Metal, CuZn, gold-plated   | Metal, CuZn, gold-plated   |
| Contact-carrier material       | Plastic, PA, BK            | Plastic, PA, BK            |
| Coupling nut material          | Metal, CuZn, nickel-plated | Metal, CuZn, nickel-plated |
| Rated voltage                  | 63V <sub>dc</sub>          | 63V <sub>dc</sub>          |
| Coding of                      | L                          | L                          |
| Number of pins                 | 4+FE                       | 4+FE                       |
| Current load (at 40°C)         | 16A                        | 16A                        |
| Insulation resistance          | ≥10 <sup>9</sup> Ω         |                            |
| Ambient temperature product    | -30°C...+90°C              |                            |
| Grip body material             | Plastic, TPU, BK           |                            |
| Sealing (female) material      | FPM/FKM                    |                            |
| Mechanical life-cycle          | >100 mating cycles         |                            |
| Standards                      | IEC 61076-2-111            |                            |
| Degree of protection (mounted) | IP65, IP67, IP68           |                            |
| Degree of pollution            | 3                          |                            |

#### Derating curve according to DIN 60512-5-2



1: Base curve

2: Derived curve according to DIN 60512-5-2 with correction factor 0,8

#### UL installation note

[https://www.escha.net/media/pdf/ESCHA\\_Kundeninformation\\_M12x1\\_POWER\\_UL\\_2020.pdf](https://www.escha.net/media/pdf/ESCHA_Kundeninformation_M12x1_POWER_UL_2020.pdf)

#### Classification

|            |          |
|------------|----------|
| eCl@ss 6.0 | 27279201 |
| eCl@ss 7.0 | 27279201 |
| eCl@ss 8.0 | 27279201 |
| eCl@ss 9.0 | 27440106 |
| ETIM 5.0   | EC002062 |
| ETIM 6.0   | EC002925 |

#### Link to product

<https://www.escha.net/en/products/standard/power-connectors/8075821>