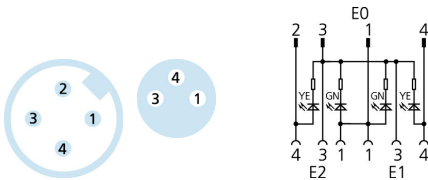
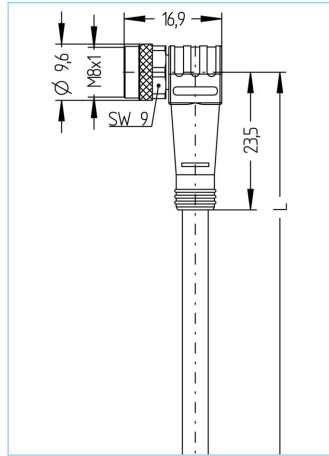
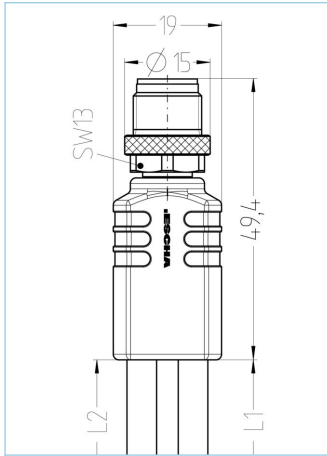


# Y-splitter, M12, male, straight, 4 poles, with cable outlet, M8, female, angled, 3 poles, M8, female, angled, 3 poles, with LED



## Product data

|                    |                                |
|--------------------|--------------------------------|
| Item description   | YK-FS4M12-2AL-SWKP3P2-1/1/S370 |
| Item-No.           | 8076324                        |
| Length             | 1m                             |
| Customs tariff-No. | 85444290                       |
| Step-File          | YK-FS4M12-2AL-SWKP3P2-L_L.stp  |
| EAN                | 4047106173685                  |

| Technical data           | Exit 0                     | Exit 1                       | Exit 2                       |
|--------------------------|----------------------------|------------------------------|------------------------------|
| Connector                | male, M12, straight        | female, M8, angled, with LED | female, M8, female, with LED |
| Contact material         | Metal, CuZn, gold-plated   | Metal, CuZn, gold-plated     | Metal, CuZn, gold-plated     |
| Contact-carrier material | Plastic, TPU, BK           | Plastic, TPU, BK             | Plastic, TPU, BK             |
| Coupling nut material    | Metal, CuZn, nickel-plated | Metal, CuZn, nickel-plated   | Metal, CuZn, nickel-plated   |
| Grip body material       | Plastic, TPU, BK           | Plastic, TPU, transparent    | Plastic, TPU, transparent    |
| Rated voltage            | 60V                        | 60V                          | 60V                          |
| Coding of                | A                          | A                            | A                            |
| Number of pins           | 4                          | 3                            | 3                            |
| Current load (at 40°C)   | 4A                         | 4A                           | 4A                           |

|                                |                     |
|--------------------------------|---------------------|
| Insulation resistance          | $\geq 10^8 \Omega$  |
| Ambient temperature product    | -30°C...+90°C       |
| Operating voltage-indicator    | LED GN              |
| Signal status-indicator        | LED YE              |
| Circuit logic                  | pnp                 |
| Sealing (female) material      | FPM/FKM             |
| Mechanical life-cycle          | >100 mating cycles  |
| Standards                      | IEC 61076-2-101/104 |
| Degree of protection (mounted) | IP65, IP67, IP68    |
| Degree of pollution            | 3                   |

## Cable web

PUR, UL, S370

Flexible, silicone- and halogen-free control line with high mechanical strength. The cable is chemicals, hydrolysis-, and microbes- resistant. The drag-chain application is possible at a bending radius of minimum 10 x d. Due to its weld-field immunity, the cable is very well suited for the flexible application in robotics, machine-tool, and metal-cutting production. The cables meet the UL and CSA (UL10493/20549; cULus) requirements.

|                                |                                                                                                                                                                                                                                                                      |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outer diameter of jacket       | 4.00 mm                                                                                                                                                                                                                                                              |
| Cable-jacket material          | PUR                                                                                                                                                                                                                                                                  |
| Jacket color                   | BK, similar RAL9005                                                                                                                                                                                                                                                  |
| Wire cross-section             | 3 x 0.25 mm <sup>2</sup>                                                                                                                                                                                                                                             |
| Wire insulation material       | PP                                                                                                                                                                                                                                                                   |
| Wire colors                    | BN, BU, BK                                                                                                                                                                                                                                                           |
| Wire structure                 | 32 x 0.10 mm                                                                                                                                                                                                                                                         |
| Bending radius (fixed)         | 5 x Ø-cable                                                                                                                                                                                                                                                          |
| Bending radius (repeated)      | 10 x Ø-cable                                                                                                                                                                                                                                                         |
| Temperature range (repeated)   | -30°C...+90°C                                                                                                                                                                                                                                                        |
| Temperature range (fixed)      | -40°C...+90°C                                                                                                                                                                                                                                                        |
| Temperature range (drag chain) | -25°C...+60°C                                                                                                                                                                                                                                                        |
| Drag chain-application         | 5 Mio. cycles                                                                                                                                                                                                                                                        |
| Halogen-free                   | Yes                                                                                                                                                                                                                                                                  |
| Torsion                        | +/-360°/m, ≥ 2 Mio. cycles                                                                                                                                                                                                                                           |
| Rated voltage cable            | ≤300 V                                                                                                                                                                                                                                                               |
| Special features               | flame retardant, halogen free, hydrolysis proof, LABS free, oil resistant, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, drag chain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant |

## Classification

|            |          |
|------------|----------|
| eCl@ss 6.0 | 27279218 |
| eCl@ss 7.0 | 27279218 |
| eCl@ss 8.0 | 27279218 |
| eCl@ss 9.0 | 27060313 |
| ETIM 5.0   | EC001855 |
| ETIM 6.0   | EC001855 |

## Link to product

<https://www.escha.net/en/products/standard/t-splitters-y-splitters/8076324>