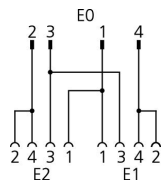
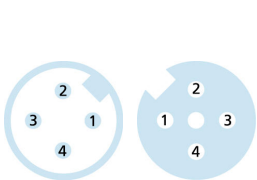
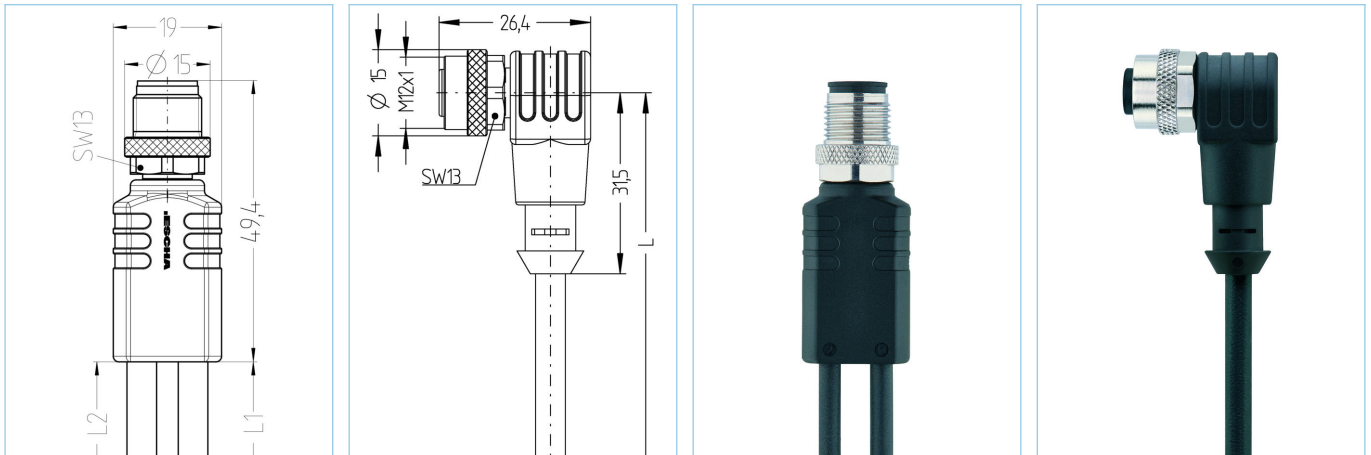


Y-splitter, M12, male, straight, 4 poles, with cable outlet, M12, female, angled, 4 poles, M12, female, angled, 4 poles



**Product data**

|                    |                              |
|--------------------|------------------------------|
| Item description   | YK-FS4M12-2AL-WWAK4-5/5/S370 |
| Item-No.           | 8076343                      |
| Length             | 5m                           |
| Customs tariff-No. | 85444290                     |
| Step-File          | YK-FS4M12-2AL-WWAK4-L_L.stp  |
| EAN                | 4047106175146                |

| Technical data           | Exit 0                     | Exit 1                     | Exit 2                     |
|--------------------------|----------------------------|----------------------------|----------------------------|
| Connector                | male, M12, straight        | female, M12, angled        | female, M12, female        |
| Contact material         | Metal, CuZn, gold-plated   | Metal, CuSn, gold-plated   | Metal, CuSn, 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 |
| Rated voltage            | 60V                        | 250V                       | 250V                       |
| Coding of                | A                          | A                          | A                          |
| Number of pins           | 4                          | 4                          | 4                          |
| Current load (at 40°C)   | 4A                         | 4A                         | 4A                         |

|                                |                    |
|--------------------------------|--------------------|
| Insulation resistance          | $\geq 10^9 \Omega$ |
| 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 61076-2-101    |
| Degree of protection (mounted) | IP65, IP67, IP68   |
| Degree of pollution            | 3                  |

|                  |                      |
|------------------|----------------------|
| <b>Cable web</b> | <b>PUR, UL, S370</b> |
|------------------|----------------------|

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       | 4.70 mm  |
| Cable-jacket material          | PUR  |
| Jacket color                   | BK, similar RAL9005  |
| Wire cross-section             | 4 x 0.34 mm <sup>2</sup>   |
| Wire insulation material       | PP   |
| Wire colors                    | BN, WH, BU, BK   |
| Wire structure                 | 42 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 |

|                       |  |
|-----------------------|--|
| <b>Classification</b> |  |
|-----------------------|--|

|            |          |
|------------|----------|
| 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 |

|                        |  |
|------------------------|--|
| <b>Link to product</b> |  |
|------------------------|--|

<https://www.escha.net/en/products/standard/t-splitters-y-splitters/8076343>