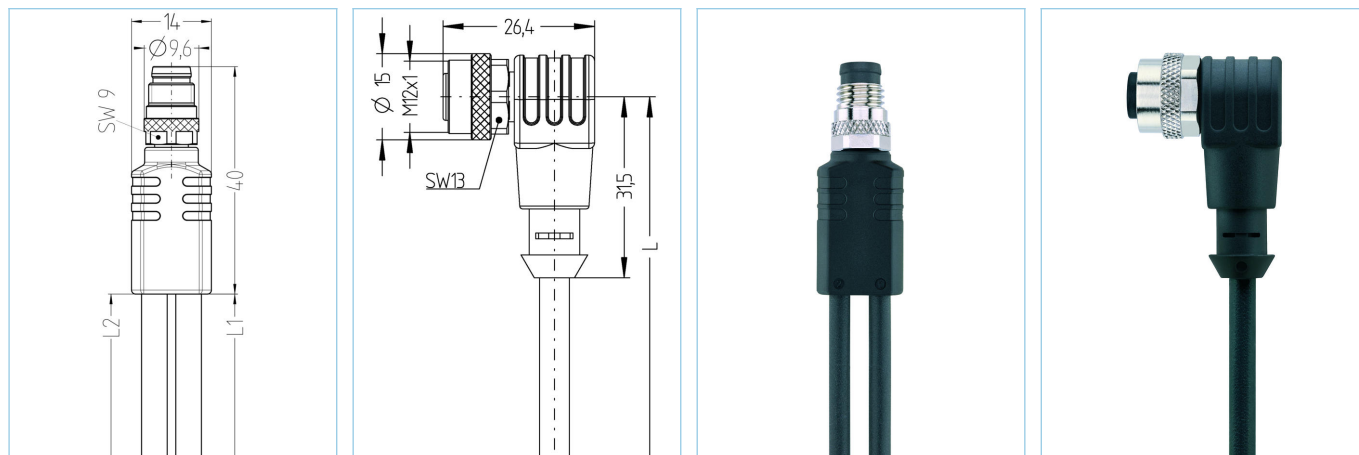


## Y-splitter, M8, M12 - M12, with cable outlet



### Product data

|                    |                             |
|--------------------|-----------------------------|
| Item description   | YK-FS4M8-2AL-WWAK4-5/5/S370 |
| Item-No.           | 8076282                     |
| Length             | 5m                          |
| Customs tariff-No. | 85444290                    |
| Step-File          | YK-FS4M8_2AL-WWAK4-L_L.stp  |
| EAN                | 4047106172626               |

|                          | Exit 0                     | Exit 1                     | Exit 2                     |
|--------------------------|----------------------------|----------------------------|----------------------------|
| Connector                | male, M8, 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 61076-2-101/104 |
| Degree of protection (mounted) | IP65, IP67, IP68    |
| Degree of pollution            | 3                   |

|              |                      |
|--------------|----------------------|
| <b>Cable</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       | 4,30mm                                                                                                                                                                                                                                                               |
| Cable-jacket material          | PUR                                                                                                                                                                                                                                                                  |
| Jacket color                   | BK, similar RAL9005                                                                                                                                                                                                                                                  |
| Wire cross-section             | 4 x 0.25 mm <sup>2</sup>                                                                                                                                                                                                                                             |
| Wire insulation material       | PP                                                                                                                                                                                                                                                                   |
| Wire colors                    | BN, WH, BU, BK                                                                                                                                                                                                                                                       |
| Conductor 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)      | -50°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, seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone resistant, UV resistant, hydrolysis proof, drag chain-adapted, torsion resistant, welding sparks resistant, halogen free, silicone free, oil 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 |