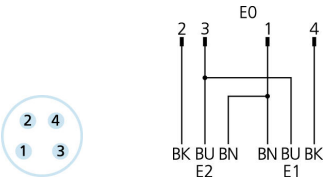


Y-splitter, M8, open cable end



| Product data                   |                            |                |                |
|--------------------------------|----------------------------|----------------|----------------|
| Item description               | YK-FS4M8-10/10/S370        |                |                |
| Item-No.                       | 8075671                    |                |                |
| Length                         | 10m                        |                |                |
| Customs tariff-No.             | 85444290                   |                |                |
| Step-File                      | YK-FS4M8-L_L.stp           |                |                |
| EAN                            | 4047106175764              |                |                |
|                                | Exit 0                     | Exit 1         | Exit 2         |
| Connector                      | male, M8, straight         | open cable end | open cable end |
| Contact material               | Metal, CuZn, gold-plated   |                |                |
| Contact-carrier material       | Plastic, TPU, BK           |                |                |
| Coupling nut material          | Metal, CuZn, nickel-plated |                |                |
| Rated voltage                  | 60V                        |                |                |
| Coding of                      | A                          |                |                |
| Number of pins                 | 4                          |                |                |
| Current load (at 40°C)         | 4A                         |                |                |
|                                |                            |                |                |
| Pin assignment                 | 1 BN, 2 BK, 3 BU, 4 BK     |                |                |
| Insulation resistance          | ≥10 <sup>8</sup> Ω         |                |                |
| Resistance                     | ≤ 5mΩ                      |                |                |
| Ambient temperature product    | -30°C....+90°C             |                |                |
| Grip body material             | Plastic, TPU, BK           |                |                |
| Mechanical life-cycle          | >100 mating cycles         |                |                |
| Standards                      | IEC 61076-2-104            |                |                |
| Degree of protection (mounted) | IP65, IP67, IP68           |                |                |
| Cable end assembly             | open cable end             |                |                |
| 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       | 4,00 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                                                                                                                                                                                                                                                           |
| 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 |

**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 |