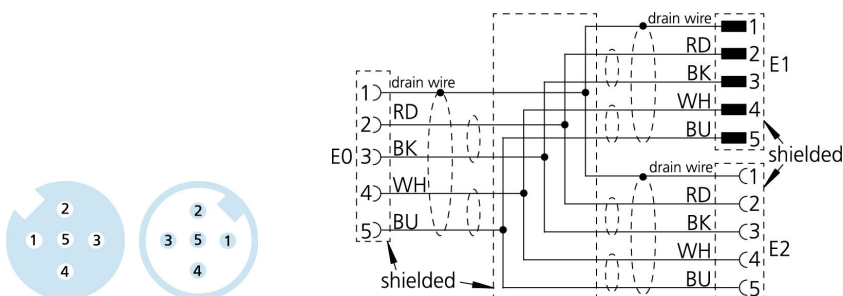
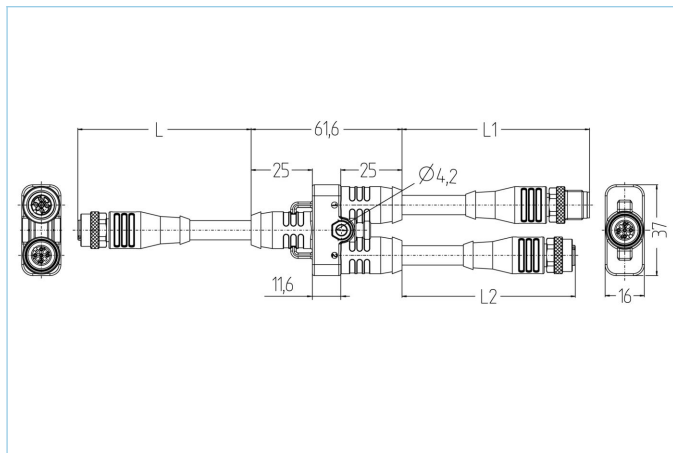


Y-splitter, M12, female, straight, 5 poles, with cable outlet, M12, male, straight, 5 poles, M12, female, straight, 5 poles, shielded, CANopen/DeviceNet



#### Product data

|                    |  |
|--------------------|--|
| Item description   | Y-CD-WAKS5.022-0,2-CD-WASS5.022-CD-WAKS5.022/0,2/0,2/S2800 |
| Item-No.           | 8112947  |
| Customs tariff-No. | 85444290   |
| Step-File          | Y-CD-WAKS4.5-m-AL-WASS4.5-CD-WAKS4.5_m_m.stp               |
| EAN                | 4047106311995  |

| Technical data           | Exit 0                     | Exit 1                     | Exit 2                     |
|--------------------------|----------------------------|----------------------------|----------------------------|
| Connector                | female, M12, straight      | male, M12, straight        | female, M12, straight      |
| 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 |
| Rated voltage            | 60V                        | 60V                        | 60V                        |
| Coding of                | A                          | A                          | A                          |
| Number of pins           | 5                          | 5                          | 5                          |
| Current load (at 40°C)   | 4A                         | 4A                         | 4A                         |
| shielding                | with shielding             | with shielding             | with shielding             |
| Length of                | 0.2m                       | 0.2m                       | 0.2m                       |

|                                |                        |
|--------------------------------|------------------------|
| 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, IP69 |
| Degree of pollution            | 3                      |

## Cable web

PUR, UL, S2800, CANopen/DeviceNet

UL- and CSA-listed shielded PUR-cable for automation technology. As a data transmitter, it supports CANopen as well as DeviceNetbased fieldbuses. High transmission rates enable transport of real-time data. Due to the constructive setup and the materials used, increased mechanical stresses (abrasion, bending, vibrations etc.) do not pose any restrictions to the application. Drag-chain application is possible. (>2.5million bending cycles).

|                              |  |
|------------------------------|--|
| Outer diameter of jacket     | 6.90 mm  |
| Cable-jacket material        | PUR  |
| Jacket color                 | BK, similar RAL9005  |
| Wire cross-section           | 2 x 0.25 mm <sup>2</sup> + 2 x 0.34 mm <sup>2</sup>  |
| Wire insulation material     | PE/PP  |
| Wire colors                  | WH, BU, RD, BK   |
| Wire structure               | 19 x 0.13mm (0.25mm <sup>2</sup> ), 19 x 0.15mm (0.34mm <sup>2</sup> )   |
| Bending radius (fixed)       | 5 x Ø-cable  |
| Bending radius (repeated)    | 10 x Ø-cable   |
| Temperature range (repeated) | -25°C...+80°C  |
| Temperature range (fixed)    | -50°C...+80°C  |
| Drag chain-application       | >2.5Mio. cycles  |
| Shielding                    | Yes, with stranded wire  |
| Halogen-free                 | Yes  |
| Rated voltage cable          | ≤300 V   |
| Special features             | flame retardant, halogen free, hydrolysis proof, LABS free, microbes resistant, oil resistant, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, drag chain-adapted, seawater 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/8112947>