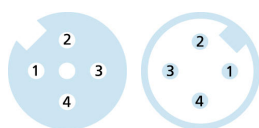
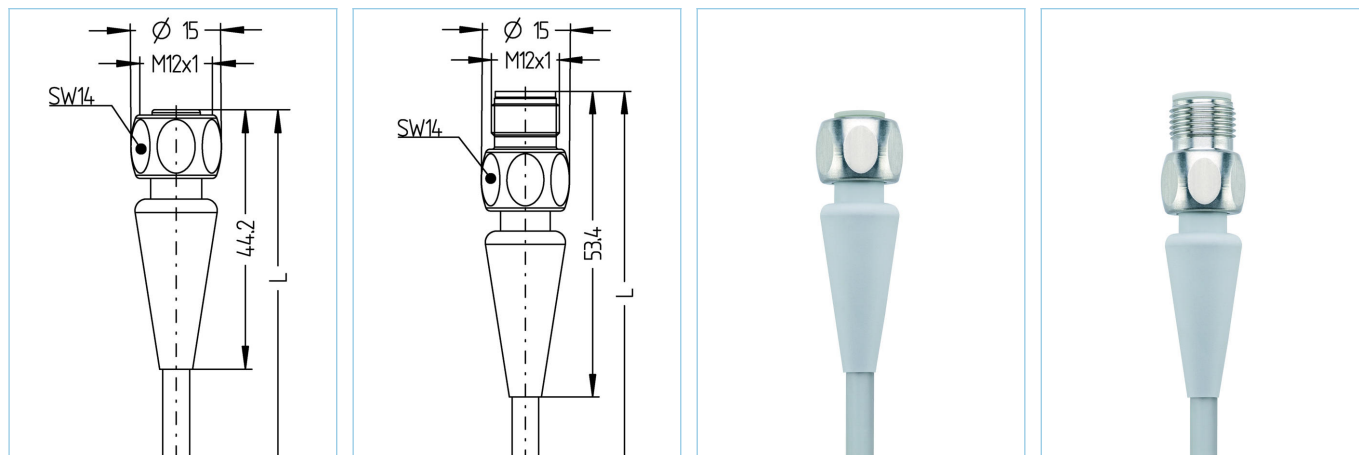


# M12, female, straight, 4 poles, M12, male, straight, 4 poles, Food & Beverage



| Product data       |                            |
|--------------------|----------------------------|
| Item description   | FB-WAKH4-10-FB-WASH4/S3930 |
| Item-No.           | 8062225                    |
| Length             | 10m                        |
| Customs tariff-No. | 85444290                   |
| Step-File          | FB-WAKH4-m-FB-WASH4.stp    |
| EAN                | 4047106209926              |

| Technical data                 | A-side                   | B-side                   |
|--------------------------------|--------------------------|--------------------------|
| Connector                      | female, straight, M12    | male, straight, M12      |
| Number of pins                 | 4                        | 4                        |
| Pin assignment                 | 1 BN, 2 WH, 3 BU, 4 BK   | 1 BN, 2 WH, 3 BU, 4 BK   |
| Coding of                      | A                        | A                        |
| Rated voltage                  | 250V   30V (UL)          | 250V   30V (UL)          |
| Current load (at 40°C)         | 4A                       | 4A                       |
| Insulation resistance          | $\geq 10^8 \Omega$       | $\geq 10^8 \Omega$       |
| Resistance                     | $\leq 5 m\Omega$         | $\leq 5 m\Omega$         |
| Ambient temperature product    | -40°C...+105°C           | -40°C...+105°C           |
| Contact material               | Metal, CuZn, gold-plated | Metal, CuZn, gold-plated |
| Contact-carrier material       | Plastic, PP, GY          | Plastic, PP, GY          |
| Grip body material             | Plastic, TPE, GY         | Plastic, TPE, GY         |
| Coupling nut material          | Stainless steel, V4A     | Stainless steel, V4A     |
| Sealing (female) material      | EPDM                     |                          |
| Standards                      | IEC 61076-2-101          | IEC 61076-2-101          |
| Degree of protection (mounted) | IP65, IP67, IP68, IP69   | IP65, IP67, IP68, IP69   |
| Mechanical life-cycle          | >100 mating cycles       | >100 mating cycles       |
| Degree of pollution            | 3                        | 3                        |

## Cable web TPE, UL, S3930, GY

TPE jacketed cable with elevated position-proof wires with an insulation of special polyester. Resistant to all common acidic- and alkaline cleaning- and disinfection agents. PVC-free plastics prevent discoloration and hardening by detergents. Predestined for applications in the food- and beverage industry. Due to the materials used, it is also suitable for applications in machine- and plant construction. High stability, good drag-chain- and torsion capability.

|                                |                                                                                                                                                                                                                                                                                                                          |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outer diameter of jacket       | 4.60 mm                                                                                                                                                                                                                                                                                                                  |
| Cable-jacket material          | TPE                                                                                                                                                                                                                                                                                                                      |
| Jacket color                   | GY, similar RAL7035                                                                                                                                                                                                                                                                                                      |
| Wire cross-section             | 4 x 0.34 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                 |
| Wire insulation material       | TPE                                                                                                                                                                                                                                                                                                                      |
| 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)   | -25°C...+105°C                                                                                                                                                                                                                                                                                                           |
| Temperature range (fixed)      | -40°C...+105°C                                                                                                                                                                                                                                                                                                           |
| Temperature range (drag chain) | -25°C...+60°C                                                                                                                                                                                                                                                                                                            |
| Halogen-free                   | Yes                                                                                                                                                                                                                                                                                                                      |
| Rated voltage cable            | ≤240 VAC                                                                                                                                                                                                                                                                                                                 |
| Special features               | increased thermal load, halogen free, excellent acid- and alkali resistant, hydrolysis proof, LABS free, ozone resistant, recyclable, RoHs compliant, drag chain-adapted, seawater resistant, torsion resistant, verified resistance against P3-topactive, flexibility at low temperature, flexible at high temperatures |

## Classification

|            |          |
|------------|----------|
| eCl@ss 6.0 | 27279218 |
| eCl@ss 7.0 | 27279218 |
| eCl@ss 8.0 | 27279218 |
| eCl@ss 9.0 | 27060311 |
| ETIM 5.0   | EC001855 |
| ETIM 6.0   | EC001855 |

## Accessories

Mounting-set, M12  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8047664>

Torque-wrench set  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431>

Marking rings Ø 9mm  
<https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=809>

Food & Beverage, Adapter  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8063392>