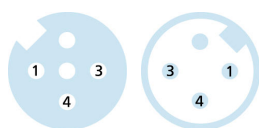
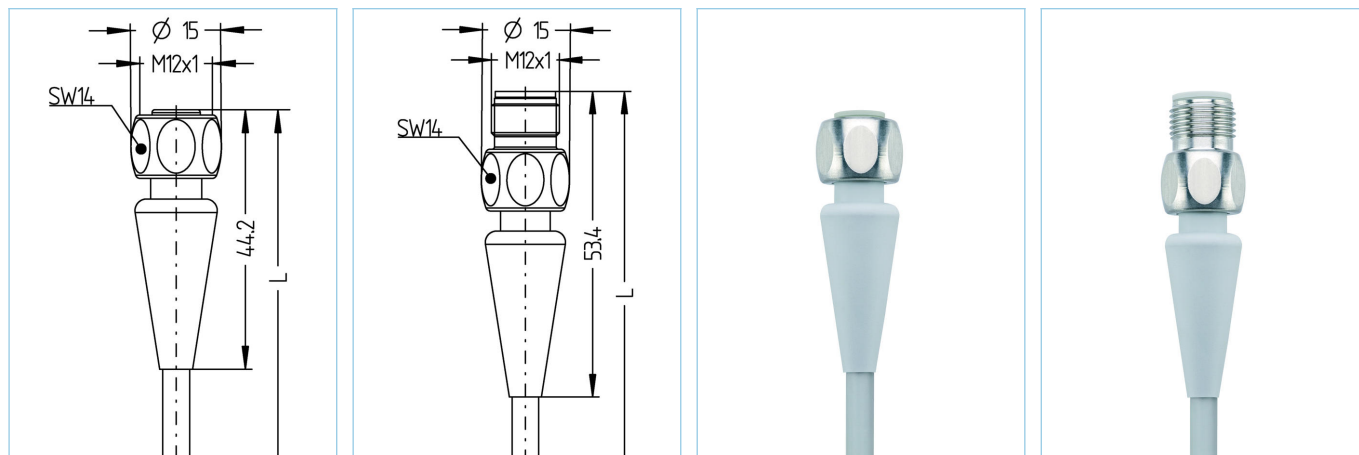


M12, female, straight, 3 poles, M12, male, straight, 3 poles, Food & Beverage



**Product data**

|                    |                         |
|--------------------|-------------------------|
| Item description   | FB-WAKH3-5-FB-WASH3/P00 |
| Item-No.           | 8063854                 |
| Length             | 5m                      |
| Customs tariff-No. | 85444290                |
| Step-File          | FB-WAKH3-L-FB-WASH3.stp |
| EAN                | 4047106151638           |

**Technical data**

|                                | A-side                   | B-side                   |
|--------------------------------|--------------------------|--------------------------|
| Connector                      | female, straight, M12    | male, straight, M12      |
| Number of pins                 | 3                        | 3                        |
| Pin assignment                 | 1 BN, 3 BU, 4 BK         | 1 BN, 3 BU, 4 BK         |
| Coding of                      | A                        | A                        |
| Rated voltage                  | 250V                     | 250V                     |
| 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 PVC, P00, GY

PVC-cable for measurement and control-, and sensor technology. Suitable for applications in dry areas on packaging machines, assembly- and conveyor technology. High flexibility with unstressed movement (conditional drag-chain application possible). Predestined for applications in food- and beverage industry.

|                              |                                                                                                                                                                  |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outer diameter of jacket     | 4.20 mm                                                                                                                                                          |
| Cable-jacket material        | PVC                                                                                                                                                              |
| Jacket color                 | GY, similar RAL7040                                                                                                                                              |
| Wire cross-section           | 3 x 0.34 mm <sup>2</sup>                                                                                                                                         |
| Wire insulation material     | PVC                                                                                                                                                              |
| Wire colors                  | BN, BU, BK                                                                                                                                                       |
| Wire structure               | 19 x 0.15 mm                                                                                                                                                     |
| Bending radius (fixed)       | 5 x Ø-cable                                                                                                                                                      |
| Bending radius (repeated)    | 10 x Ø-cable                                                                                                                                                     |
| Temperature range (repeated) | 0°C...+80°C                                                                                                                                                      |
| Temperature range (fixed)    | -25°C...+80°C                                                                                                                                                    |
| Rated voltage cable          | ≤300 V                                                                                                                                                           |
| Special features             | good resistance against oils and chemicals, LABS free, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, seawater resistant, UV resistant |

## 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>

## Link to product

<https://www.escha.net/en/products/standard/connectors-for-the-food-industry/8063854>