

## M12, male, angled, 4 poles, Food & Beverage



| Product data                   |                          |
|--------------------------------|--------------------------|
| Item description               | FB-WWASH4-10/S3930       |
| Item-No.                       | 8058570                  |
| Length                         | 10m                      |
| Customs tariff-No.             | 85444290                 |
| Step-File                      | FB-WWASH4.stp            |
| EAN                            | 4047106141929            |
| Technical data                 |                          |
| Connector                      | male, angled, M12        |
| Number of pins                 | 4                        |
| Pin assignment                 | 1 BN, 2 WH, 3 BU, 4 BK   |
| Coding                         | A                        |
| Rated voltage                  | 250V                     |
| Current load per pin (at 40°C) | 4A                       |
| Insulation resistance          | $\geq 10^9 \Omega$       |
| Resistance                     | $\leq 5 m\Omega$         |
| Ambient temperature product    | -40°C...+105°C           |
| Contact material               | Metal, CuZn, gold-plated |
| Contact-carrier material       | Plastic, PP, GY          |
| Grip body material             | Plastic, PP, GY          |
| Coupling nut material          | Stainless steel, V4A     |
| Standards                      | IEC 61076-2-101          |
| Degree of protection (mounted) | IP65, IP67, IP68, IP69   |
| Mechanical life-cycle          | >100 mating cycles       |
| Cable end assembly             | open cable end           |
| Degree of pollution            | 3                        |
| Style                          | angled                   |

**Cable** TPE, 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 V <sub>AC</sub>                                                                                                                                                                                                                                                                      |
| Special features               | seawater resistant, recyclable, LABS free, RoHs compliant, ozone resistant, hydrolysis proof, drag chain-adapted, torsion resistant, halogen free, excellent acid- and alkali resistant, verified resistance against P3-topactive, flexibility at low temperature, increased thermal load |

**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>

**Cable Stripping Tool**

<https://www.escha.net/en/products/standard/accessories-for-connectivity/8066215>

**Cable Stripping Tool**

<https://www.escha.net/en/products/standard/accessories-for-connectivity/8066216>

**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/8058570>