

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



Product data

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| Item description | FB-WWAKH3-5-FB-WWASH3/S3930 |
| Item-No. | 8058595 |
| Length | 5m |
| Customs tariff-No. | 85444290 |
| Step-File | FB-WWAKH3-m-FB-WWASH3.stp |
| EAN | 4047106142179 |

| Technical data | A-side | B-side |
|--------------------------------|--------------------------|--------------------------|
| Connector | female, angled, M12 | male, angled, 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, PP, GY | Plastic, PP, 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 |

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| Cable | TPE, S3930, GY |
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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.

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| Outer diameter of jacket | 4.60 mm |
| Cable-jacket material | TPE |
| Jacket color | GY, similar RAL7035 |
| Wire cross-section | 4 x 0.34 mm ² |
| 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 _{AC} |
| 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 |

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| Classification | |
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| 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 |

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

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

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

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

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| Link to product | |
|------------------------|--|

<https://www.escha.net/en/products/standard/connectors-for-the-food-industry/8058595>