

## M12, male, straight, 5 poles, Food & Beverage



| Product data                   |                              |
|--------------------------------|------------------------------|
| Item description               | FB-WASH4.5-2/P01             |
| Item-No.                       | 8063709                      |
| Length                         | 2m                           |
| Customs tariff-No.             | 85444290                     |
| Step-File                      | FB-WASH4.5-L.stp             |
| EAN                            | 4047106150204                |
| Technical data                 |                              |
| Connector                      | male, straight, M12          |
| Number of pins                 | 5                            |
| Pin assignment                 | 1 BN, 2 WH, 3 BU, 4 BK, 5 GY |
| Coding                         | A                            |
| Rated voltage                  | 60V                          |
| Current load per pin (at 40°C) | 4A                           |
| Insulation resistance          | ≥10 <sup>9</sup> Ω           |
| Resistance                     | ≤ 5mΩ                        |
| 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                          | straight                     |

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| <b>Cable</b> | <b>PVC, UL, P01, GY</b> |
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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.

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| Outer diameter of jacket     | 5.30 mm  |
| Cable-jacket material        | PVC  |
| Jacket color                 | GY, similar RAL7040  |
| Wire cross-section           | 5 x 0.34 mm <sup>2</sup>   |
| Wire insulation material     | PVC  |
| Wire colors                  | BN, WH, BU, BK, GY   |
| 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             | seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone resistant, UV resistant |

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| <b>Classification</b> |  |
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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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| <b>Accessories</b> |
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| Mounting-set, M12<br><a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/8047664">https://www.escha.net/en/products/standard/accessories-for-connectivity/8047664</a>   |
| Torque-wrench set<br><a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431">https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431</a>   |
| Marking rings Ø 9mm<br><a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&amp;o=3&amp;n=15&amp;f=809">https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&amp;o=3&amp;n=15&amp;f=809</a> |
| Cable Stripping Tool<br><a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/8066215">https://www.escha.net/en/products/standard/accessories-for-connectivity/8066215</a>  |
| Cable Stripping Tool<br><a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/8066216">https://www.escha.net/en/products/standard/accessories-for-connectivity/8066216</a>  |
| Food & Beverage, Adapter<br><a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/8063392">https://www.escha.net/en/products/standard/accessories-for-connectivity/8063392</a>  |

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| <b>Link to product</b> |
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| <a href="https://www.escha.net/en/products/standard/connectors-for-the-food-industry/8063709">https://www.escha.net/en/products/standard/connectors-for-the-food-industry/8063709</a> |
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