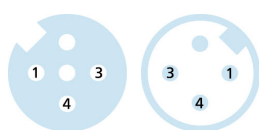
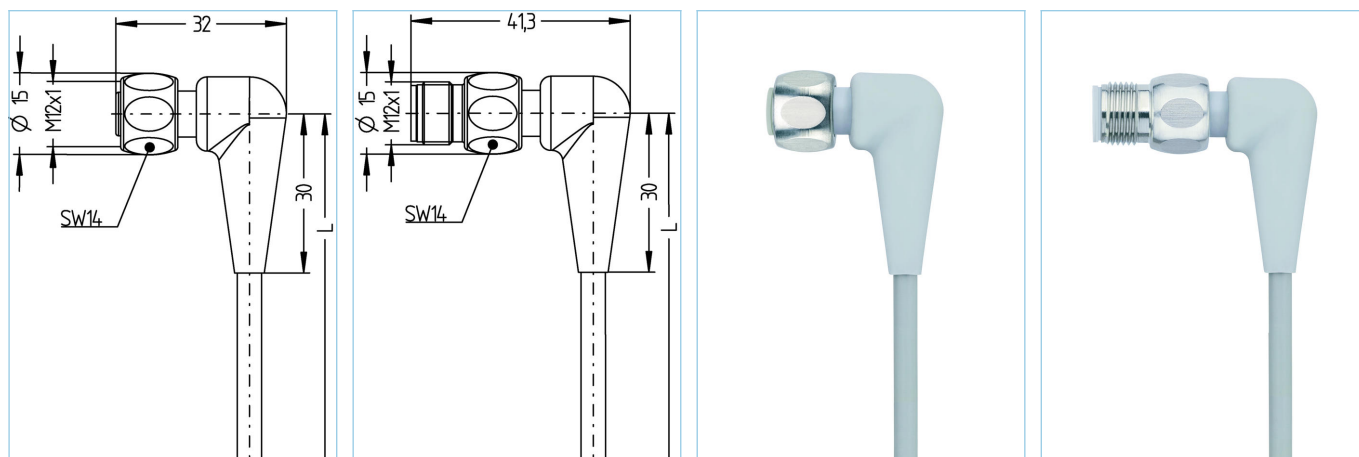


## Double-ended cordset, Food & Beverage, M12x1



### Product data

|                    |                           |
|--------------------|---------------------------|
| Item description   | FB-WWAKH3-5-FB-WWASH3/P01 |
| Item-No.           | 8063699                   |
| Length             | 5m                        |
| Customs tariff-No. | 85444290                  |
| Step-File          | FB-WWAKH3-m-FB-WWASH3.stp |
| EAN                | 4047106150105             |

### Technical data

|                                | A-side                   | B-side                   |
|--------------------------------|--------------------------|--------------------------|
| Connector                      | female, angled, M12x1    | male, angled, M12x1      |
| 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                     | $\leq 5m\Omega$          | $\leq 5m\Omega$          |
| 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                        |

| Cable                                                                                                                                                                                                                                                                                                                 |  | PVC, UL, P01, 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                                                                                                                                                                                                                                                                                              |  | 4,60 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                                                                                                                                |
| Conductor 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                      |
| 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                                                                                                                                                                                                                                                                                                           |  | Web-Link                                                                                                                                  |
| Mounting-set, M12x1                                                                                                                                                                                                                                                                                                   |  | <a href="https://www.escha.net/en/search?sSearch=8047664">https://www.escha.net/en/search?sSearch=8047664</a>                             |
| Torque-wrench set                                                                                                                                                                                                                                                                                                     |  | <a href="https://www.escha.net/en/search?sSearch=8055431">https://www.escha.net/en/search?sSearch=8055431</a>                             |
| Marking rings Ø 9mm                                                                                                                                                                                                                                                                                                   |  | <a href="https://www.escha.net/en/products/accessoires/markring-rings/">https://www.escha.net/en/products/accessoires/markring-rings/</a> |
| Food & Beverage, Adapter                                                                                                                                                                                                                                                                                              |  | <a href="https://www.escha.net/en/search?sSearch=8063392">https://www.escha.net/en/search?sSearch=8063392</a>                             |