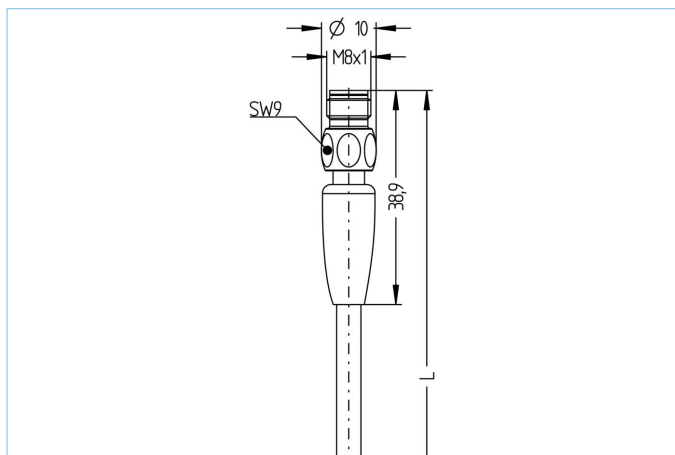


## Single-ended cordset, Food & Beverage, M8x1



### Product data

|                    |                   |
|--------------------|-------------------|
| Item description   | FB-SSPH4-10/S3930 |
| Item-No.           | 8058582           |
| Length             | 10m               |
| Customs tariff-No. | 85444290          |
| Step-File          | FB-SSPH4.stp      |
| EAN                | 4047106142049     |

### Technical data

|                                |                          |
|--------------------------------|--------------------------|
| Connector                      | male, straight, M8x1     |
| Number of pins                 | 4                        |
| Pin assignment                 | 1 BN, 2 WH, 3 BU, 4 BK   |
| Rated voltage                  | 60V                      |
| Current load (at 40°C)         | 4A                       |
| Insulation resistance          | $\geq 10^8 \Omega$       |
| 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 61076-2-104          |
| Degree of protection (mounted) | IP65, IP67, IP68, IP69   |
| Mechanical life-cycle          | >100 mating cycles       |
| Cable end assembly             | open cable end           |
| Degree of pollution            | 3/2                      |

| 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                                                                                                                                                                                                                                                                            |
| Conductor 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | Web-Link                                                                                                                                                                                                                                                                                  |
| Mounting-set, M8x1                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <a href="https://www.escha.net/en/search?sSearch=8047663">https://www.escha.net/en/search?sSearch=8047663</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>                                                                                                                                                 |
| Cable Stripping Tool                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <a href="https://www.escha.net/en/search?sSearch=8066216">https://www.escha.net/en/search?sSearch=8066216</a>                                                                                                                                                                             |
| Cable Stripping Tool                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <a href="https://www.escha.net/en/search?sSearch=8066215">https://www.escha.net/en/search?sSearch=8066215</a>                                                                                                                                                                             |