# M8, female, angled, 3 poles, with LED, Food & Beverage





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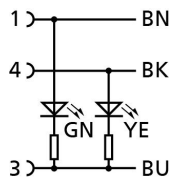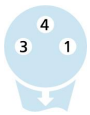
## Product data

| | |
|---|---|
| Item description | FB-SWKPH3P2-m/P01 |
| Item-No. | V0005629 |
| Länge | on demand |
| Customs tariff-No. | 85444290 |
| Step-File | FB-SWKPH3P2.stp |

## Technical data

| | |
|---|---|
| Connector | female, angled, M8, with LED |
| Number of pins | 3 |
| Pin assignment | 1 BN, 3 BU, 4 BK |
| Rated voltage | 30V \| 30V (UL) |
| Current load per pin (at 40°C) | 4A |
| Insulation resistance | ≥10⁸Ω |
| Ambient temperature product | -40°C...+105°C |
| Circuit logic | pnp |
| Signal status-indicator | LED YE |
| Operating voltage-indicator | LED GN |
| Contact material | Metal, CuZn, gold-plated |
| Contact-carrier material | Plastic, PP, GY |
| Grip body material | Plastic, TPE, transparent |
| Coupling nut material | Stainless steel, V4A |
| Sealing (female) material | EPDM |
| 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 |
| Style | angled |

| Cable web | 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 | 4.30 mm |
| Cable-jacket material | PVC |
| Jacket color | GY, similar RAL7040 |
| Wire cross-section | 3 x 0.25 mm² |
| Wire insulation material | PVC |
| Wire colors | BN, BU, BK |
| Wire structure | 14 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 | good resistance against oils and chemicals, LABS free, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, seawater 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 |
|---|
| Mounting-set, M8 <br> https://www.escha.net/en/products/standard/accessories-for-connectivity/8047663 |
| Torque-wrench set <br> https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431 |
| Marking rings Ø 9mm <br> https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=809 |
| Cable Stripping Tool <br> https://www.escha.net/en/products/standard/accessories-for-connectivity/8066216 |
| Cable Stripping Tool <br> https://www.escha.net/en/products/standard/accessories-for-connectivity/8066215 |

The information contained in this data sheet was compiled with the utmost care. The liability for the correctness, completeness and timelines is limited to gross negligence. ESCHA GmbH & Co. KG | Elberfelder Str.32 | 58553 Halver / Germany | Phone +49 2353 708 - 800 | Fax +49 2353 708 - 8410 | version: 17.04.2025  V0005629 page: 2