

## M8, female, angled, 4 poles, shielded, sensor-/actuator cable



### Product data

|                    |                 |
|--------------------|-----------------|
| Item description   | AL-SWKPS4-2/P01 |
| Item-No.           | 8051365         |
| Length             | 2m              |
| Customs tariff-No. | 85444290        |
| Step-File          | AL-SWKPS4.stp   |
| EAN                | 4047106020446   |

### Technical data

|                                |                            |
|--------------------------------|----------------------------|
| Connector                      | female, angled, M8         |
| Number of pins                 | 4                          |
| Pin assignment                 | 1 BN, 2 WH, 3 BU, 4 BK     |
| Rated voltage                  | 60V                        |
| Current load per pin (at 40°C) | 4A                         |
| Insulation resistance          | $\geq 10^9 \Omega$         |
| Resistance                     | $\leq 5 m\Omega$           |
| Ambient temperature product    | -30°C...+90°C              |
| Contact material               | Metal, CuSn, gold-plated   |
| Contact-carrier material       | Plastic, TPU, BK           |
| Grip body material             | Plastic, TPU, BK           |
| Coupling nut material          | Metal, CuZn, nickel-plated |
| Sealing (female) material      | FPM/FKM                    |
| Shielding                      | with shielding             |
| Standards                      | IEC 61076-2-104            |
| Degree of protection (mounted) | IP65, IP67, IP68           |
| Mechanical life-cycle          | >100 mating cycles         |
| Cable end assembly             | open cable end             |
| Degree of pollution            | 3/2                        |
| Style                          | angled                     |

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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. P01-cables meet the UL and CSA (UL1729/2464; cULus) requirements. Very good EMC-features with shielded versions.

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| Outer diameter of jacket     | 5.10 mm  |
| Cable-jacket material        | PVC  |
| Jacket color                 | GY, similar RAL7040  |
| Wire cross-section           | 4 x 0.25 mm <sup>2</sup>   |
| Wire insulation material     | PVC  |
| Wire colors                  | BN, WH, 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  |
| Shielding                    | Yes  |
| Rated voltage cable          | ≤300 V   |
| Special features             | seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone resistant, UV resistant, hydrolysis proof |

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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, M8<br><a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/8047663">https://www.escha.net/en/products/standard/accessories-for-connectivity/8047663</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>  |

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| <b>Link to product</b> |
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| <a href="https://www.escha.net/en/products/standard/sensoractuator-connectors/8051365">https://www.escha.net/en/products/standard/sensoractuator-connectors/8051365</a> |
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