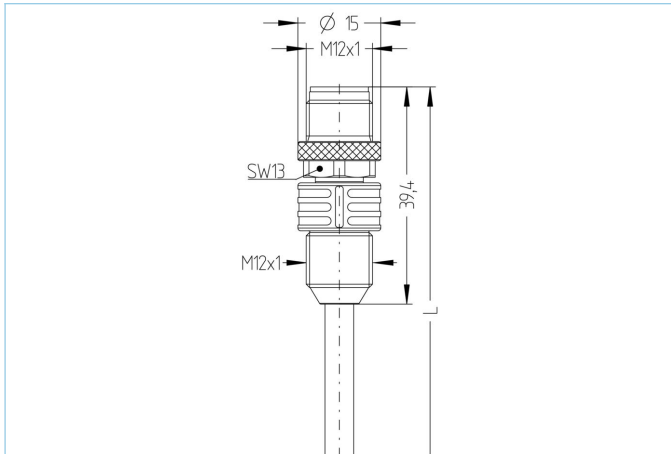


## M12, male, straight, 4 poles, grip body with thread, sensor-/actuator cable



| Product data                   |  |
|--------------------------------|--|
| Item description               | AL-WASG4-10/P01BK                          |
| Item-No.                       | 8082067                                    |
| Length                         | 10m  |
| Customs tariff-No.             | 85444290                                   |
| Step-File                      | AL-WASG4.stp                               |
| EAN                            | 4047106234980                              |
| Technical data                 |  |
| Connector                      | male, straight, M12, grip body with thread |
| Number of pins                 | 4  |
| Pin assignment                 | 1 BN, 2 WH, 3 BU, 4 BK                     |
| Coding                         | A  |
| Rated voltage                  | 250V                                       |
| Current load per pin (at 40°C) | 4A   |
| Insulation resistance          | $\geq 10^8 \Omega$                         |
| 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                 |
| Standards                      | IEC 61076-2-101                            |
| Degree of protection (mounted) | IP65, IP67, IP68                           |
| Mechanical life-cycle          | >100 mating cycles                         |
| Cable end assembly             | open cable end                             |
| Degree of pollution            | 3  |
| Style                          | straight                                   |

|                  |                       |
|------------------|-----------------------|
| <b>Cable web</b> | <b>PVC, P01BK, UL</b> |
|------------------|-----------------------|

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     | 4.90 mm  |
| Cable-jacket material        | PVC  |
| Jacket color                 | BK, similar RAL9005  |
| Wire cross-section           | 4 x 0.34 mm <sup>2</sup>   |
| Wire insulation material     | PVC  |
| Wire colors                  | BN, WH, BU, BK   |
| 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             | 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-clip, M12<br><a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/8047660">https://www.escha.net/en/products/standard/accessories-for-connectivity/8047660</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> |
| Screw cap, M12<br><a href="https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&amp;o=3&amp;n=15&amp;f=811">https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&amp;o=3&amp;n=15&amp;f=811</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>  |

#### Link to product

|   |
|---|
| <a href="https://www.escha.net/en/products/standard/sensoractuator-connectors/8082067">https://www.escha.net/en/products/standard/sensoractuator-connectors/8082067</a> |
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