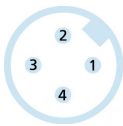
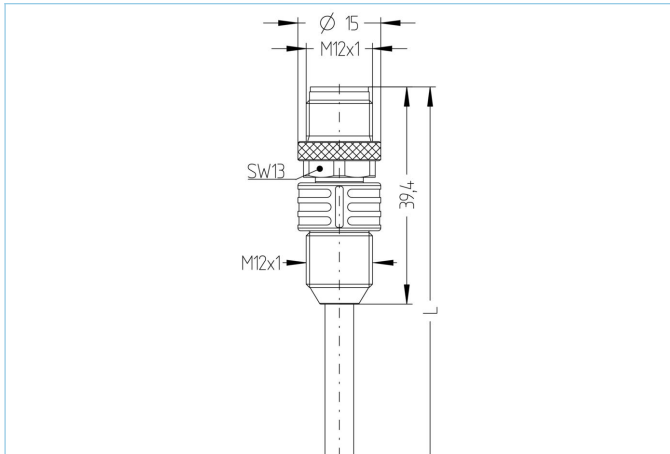


## M12, male, straight, 4 poles, grip body with thread, sensor-/actuator cable



| Product data                   |  |
|--------------------------------|--|
| Item description               | AL-WASG4-m/P01                             |
| Item-No.                       | V0004097                                   |
| Länge                          | on demand                                  |
| Customs tariff-No.             | 85444290                                   |
| Step-File                      | AL-WASG4.stp                               |
| 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          | $\geq 10^9 \Omega$                         |
| 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                 |
| 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, UL, P01, GY</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                 | GY, similar RAL7040  |
| 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 |

|                       |
|-----------------------|
| <b>Classification</b> |
|-----------------------|

|            |          |
|------------|----------|
| 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 |

|                    |
|--------------------|
| <b>Accessories</b> |
|--------------------|

Mounting-set, M12  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8047664>

Torque-wrench set  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431>

Marking rings Ø 9mm  
<https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=809>

Cable Stripping Tool  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8066215>

Cable Stripping Tool  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8066216>

Adapter piece, M12, with protective hose