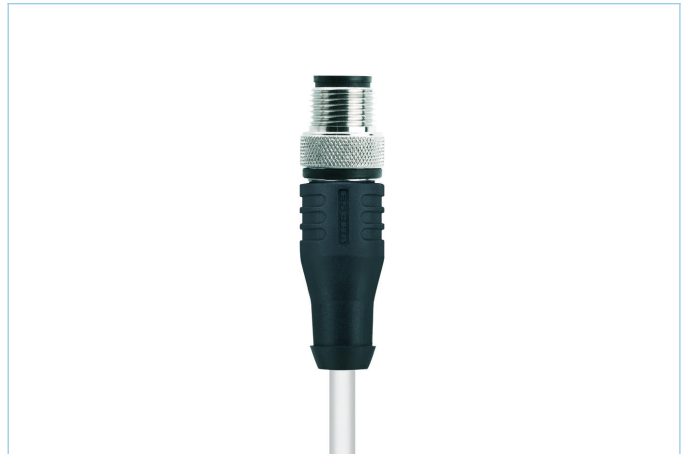
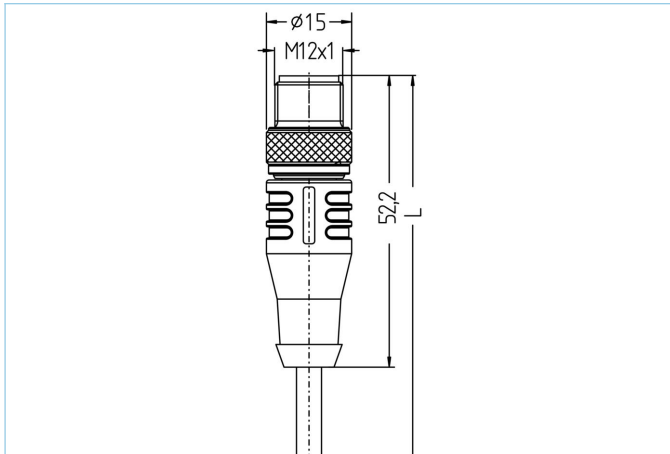


## M12, male, straight, 4 poles, sensor-/actuator cable, high-temperature



### Product data

|                    |                   |
|--------------------|-------------------|
| Item description   | HT-WAS4-2,5/S2430 |
| Item-No.           | 8120671           |
| Length             | 2.5m              |
| Customs tariff-No. | 85444290          |
| Step-File          | HT-WAS4.stp       |
| EAN                | 4047106335496     |

### Technical data

|                                |                            |
|--------------------------------|----------------------------|
| Connector                      | male, straight, M12        |
| 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          | $\geq 10^9 \Omega$         |
| Ambient temperature product    | -20°C...+150°C             |
| Contact material               | Metal, CuZn, gold-plated   |
| Contact-carrier material       | Plastic, PBT GF, BK        |
| Grip body material             | Plastic, PBT GF, BK        |
| Coupling nut material          | Metal, CuZn, nickel-plated |
| Standards                      | IEC 61076-2-101            |
| Degree of protection (mounted) | IP65                       |
| Mechanical life-cycle          | >100 mating cycles         |
| Cable end assembly             | 50mm stripped              |
| Degree of pollution            | 3                          |
| Style                          | straight                   |

## Cable web PTFE, S2430, high temp

The thermal resistance of this high-temperature cable extends from -190°C to +260°C. In addition, it stands out through a very good chemical strength, as well as its ozone- and weather resistance.

|                           |                                                                                                                                                                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outer diameter of jacket  | 3.80 mm                                                                                                                                                                                                                             |
| Cable-jacket material     | PTFE                                                                                                                                                                                                                                |
| Jacket color              | WH, similar RAL9003                                                                                                                                                                                                                 |
| Wire cross-section        | 5 x AWG22                                                                                                                                                                                                                           |
| Wire insulation material  | PTFE                                                                                                                                                                                                                                |
| Wire colors               | BN, WH, BU, BK, GY                                                                                                                                                                                                                  |
| Wire structure            | 7 x 0.254 mm                                                                                                                                                                                                                        |
| Bending radius (fixed)    | 5 x Ø-cable                                                                                                                                                                                                                         |
| Bending radius (repeated) | 10 x Ø-cable                                                                                                                                                                                                                        |
| Temperature range (fixed) | -190°C...+260°C                                                                                                                                                                                                                     |
| Rated voltage cable       | ≤250 V                                                                                                                                                                                                                              |
| Special features          | low emission of smoke, excellent chemicals resistance, hydrolysis proof, LABS free, non-flammable, ozone resistant, RoHs compliant, seawater resistant, UV resistant, flexibility at low temperature, flexible at high temperatures |

## 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, 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>

## Link to product

<https://www.escha.net/en/products/standard/sensoractuator-connectors/8036092>