

M12, female, straight, 5 poles, sensor-/actuator cable, high-temperature



Product data

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| Item description | HT-WAK4.5-10/S2430 |
| Item-No. | 8039213 |
| Length | 10m |
| Customs tariff-No. | 85444290 |
| Step-File | HT-WAK4_5.stp |
| EAN | 4047106001247 |

Technical data

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| Connector | female, straight, M12 |
| Number of pins | 5 |
| Pin assignment | 1 BN, 2 WH, 3 BU, 4 BK, 5 GY |
| Coding | A |
| Rated voltage | 60V |
| 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 |
| Sealing (female) material | FPM/FKM |
| 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 |

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| Cable web | PTFE, S2430, high temp |
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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.

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| 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 |

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| Classification |
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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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| Accessories |
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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>

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| Link to product |
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<https://www.escha.net/en/products/standard/sensoractuator-connectors/8039213>