

M8, male, angled, 4 poles, sensor-/actuator cable, high-temperature



Product data

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| Item description | HT-SWSP4-10/S2430 |
| Item-No. | 8039494 |
| Length | 10m |
| Customs tariff-No. | 85444290 |
| Step-File | HT-SWSP4_S2430.stp |
| EAN | 4047106001698 |

Technical data

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| Connector | male, 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 | $\geq 10^9 \Omega$ |
| 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 61076-2-104 |
| Degree of protection (mounted) | IP65 |
| Mechanical life-cycle | >100 mating cycles |
| Cable end assembly | 50mm stripped |
| Degree of pollution | 3/2 |
| Style | angled |

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| Cable | PTFE, S2430, high temp |
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The thermal resistance of this high-temperature cable extends from -190°C to +260°C. Due to its fully fluorinated jacket and wire insulation, the cable is perfectly suited for applications in high-frequency cables, as control cable in critical temperature areas, and in the computer-, and aviation industry. 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 | seawater resistant, LABS free, RoHs compliant, ozone resistant, UV resistant, hydrolysis proof, flexibility at low temperature, non-flammable, low emission of smoke, excellent chemicals resistance, 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, M8 https://www.escha.net/en/products/standard/accessories-for-connectivity/8047663 |
| 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/8066216 |
| Cable Stripping Tool https://www.escha.net/en/products/standard/accessories-for-connectivity/8066215 |

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| Link to product |
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<https://www.escha.net/en/products/standard/sensoractuator-connectors/8039494>