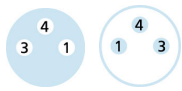
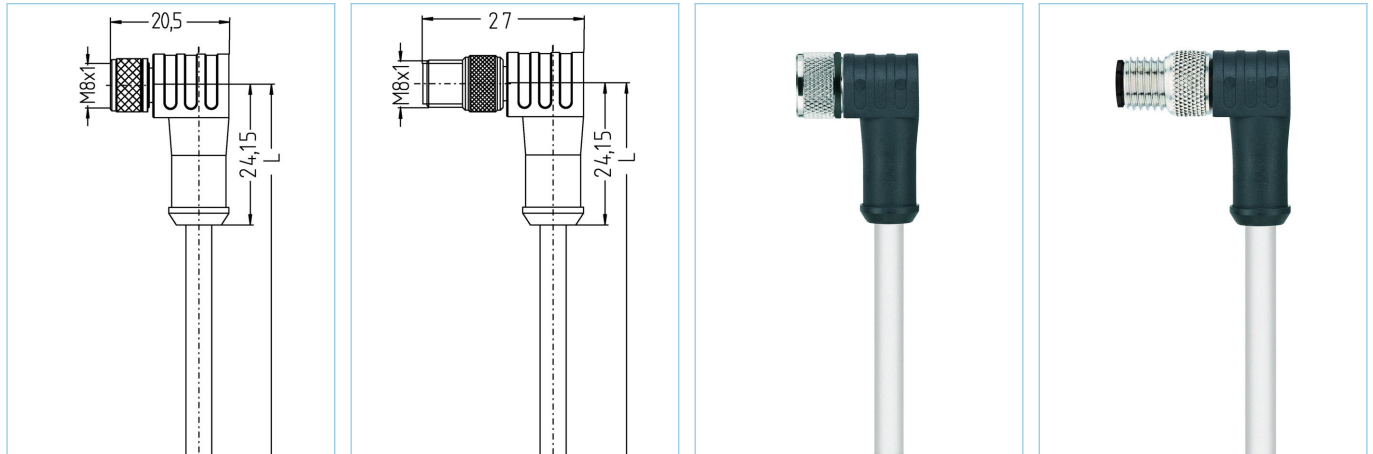


## Double-ended cordset, High temperature, M8x1



### Product data

|                    |                             |
|--------------------|-----------------------------|
| Item description   | HT-SWKP3-2-HT-SWSP3/S2430   |
| Item-No.           | 8039978                     |
| Length             | 2m                          |
| Customs tariff-No. | 85444290                    |
| Step-File          | HT-SWKP3-HT-SWSP3_S2430.stp |
| EAN                | 4047106002039               |

### Technical data

|                                | A-side                     | B-side                     |
|--------------------------------|----------------------------|----------------------------|
| Connector                      | female, angled, M8x1       | male, angled, M8x1         |
| Number of pins                 | 3                          | 3                          |
| Pin assignment                 | 1 BN, 3 BU, 4 BK           | 60V                        |
| Rated voltage                  | 60V                        | 60V                        |
| Current load (at 40°C)         | 4A                         | 4A                         |
| Insulation resistance          | $\geq 10^9 \Omega$         | $\geq 10^9 \Omega$         |
| Ambient temperature product    | -20°C...+150°C             | -20°C...+150°C             |
| Contact material               | Metal, CuZn, gold-plated   | Metal, CuZn, gold-plated   |
| Contact-carrier material       | Plastic, PBT GF, BK        | Plastic, PBT GF, BK        |
| Grip body material             | Plastic, PBT GF, BK        | Plastic, PBT GF, BK        |
| Coupling nut material          | Metal, CuZn, nickel-plated | Metal, CuZn, nickel-plated |
| Sealing (female) material      | FPM/FKM                    |                            |
| Standards                      | IEC 61076-2-104            | IEC 61076-2-104            |
| Degree of protection (mounted) | IP65                       | IP65                       |
| Mechanical life-cycle          | >100 mating cycles         | >100 mating cycles         |
| Degree of pollution            | 3                          | 3                          |

| Cable                                                                                                                                                                                                                                                                                                                                                                                                                               | PTFE, S2430, high temp                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |                                                                                                                                                                                                                                     |
| 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                                                                                                                                                                                                                  |
| Conductor 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 |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                         | Web-Link                                                                                                                                                                                                                            |
| Mounting-set, M8x1                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="https://www.escha.net/en/search?sSearch=8047663">https://www.escha.net/en/search?sSearch=8047663</a>                                                                                                                       |
| Torque-wrench set                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="https://www.escha.net/en/search?sSearch=8055431">https://www.escha.net/en/search?sSearch=8055431</a>                                                                                                                       |
| Marking rings Ø 9mm                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="https://www.escha.net/en/products/accessoires/markring-rings/">https://www.escha.net/en/products/accessoires/markring-rings/</a>                                                                                           |