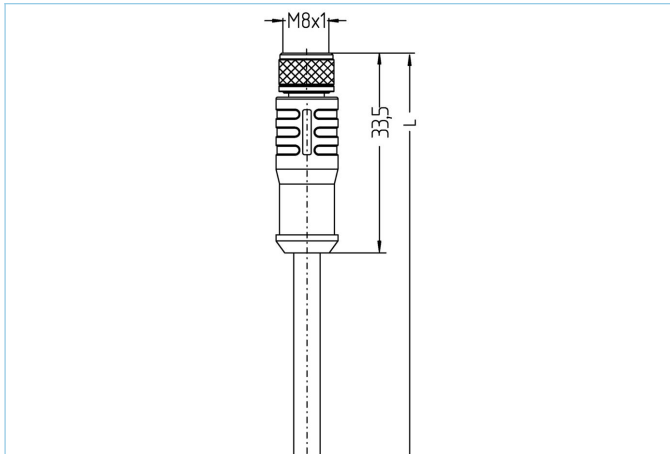


## Single-ended cordset, High temperature, M8x1



### Product data

|                    |                   |
|--------------------|-------------------|
| Item description   | HT-SKP3-5/S2430   |
| Item-No.           | 8036097           |
| Length             | 5m                |
| Customs tariff-No. | 85444290          |
| Step-File          | HT-SKP3_S2430.stp |
| EAN                | 4047106000820     |

### Technical data

|                                |                            |
|--------------------------------|----------------------------|
| Connector                      | female, straight, M8x1     |
| Number of pins                 | 3                          |
| Pin assignment                 | 1 BN, 3 BU, 4 BK           |
| Rated voltage                  | 60V                        |
| Current load (at 40°C)         | 4A                         |
| Insulation resistance          | $\geq 10^8 \Omega$         |
| 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 61076-2-104            |
| Degree of protection (mounted) | IP65                       |
| Mechanical life-cycle          | >100 mating cycles         |
| Cable end assembly             | 50mm stripped              |
| Degree of pollution            | 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/marketing-rings/">https://www.escha.net/en/products/accessoires/marketing-rings/</a> |
| Cable Stripping Tool  |   | <a href="https://www.escha.net/en/search?sSearch=8066216">https://www.escha.net/en/search?sSearch=8066216</a>                               |
| Cable Stripping Tool  |   | <a href="https://www.escha.net/en/search?sSearch=8066215">https://www.escha.net/en/search?sSearch=8066215</a>                               |