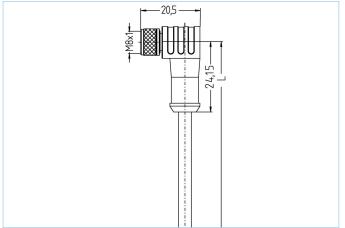


## M8, female, angled, 3 poles, sensor-/actuator cable, high-temperature









| Product data                   |                            |
|--------------------------------|----------------------------|
| Item description               | HT-SWKP3-2/S2430           |
| Item-No.                       | 8039484                    |
| Length                         | 2m                         |
| Customs tariff-No.             | 85444290                   |
| Step-File                      | HT-SWKP3_S2430.stp         |
| EAN                            | 4047106001599              |
| Technical data                 |                            |
| Connector                      | female, angled, M8         |
| Number of pins                 | 3                          |
| Pin assignment                 | 1 BN, 3 BU, 4 BK           |
| Rated voltage                  | 60V                        |
| Current load per pin (at 40°C) | 4A                         |
| Insulation resistance          | ≥10°Ω                      |
| 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  |
| 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 |
| Classification            |   |

| 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 |  |

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|---|----|----|----|----|----|
| Α | cc | es | so | rı | es |

Mounting-set, M8 https://www.escha.net/en/products/standard/accessories-for-connectivity/8047663

Torque-wrench set

escha.net/en/products/standard/accessories-for-connectivity/8055431

 $\label{lem:marking_marking} Marking\ rings\ \varnothing\ 9mm \\ \text{https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&o=3&n=15&f=809} \\$ 

Cable Stripping Tool https://www.escha.net/en/products/standard/accessories-for-connectivity/8066216

Cable Stripping Tool

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## Link to product

https://www.escha.net/en/products/standard/sensoractuator-connectors/8039484