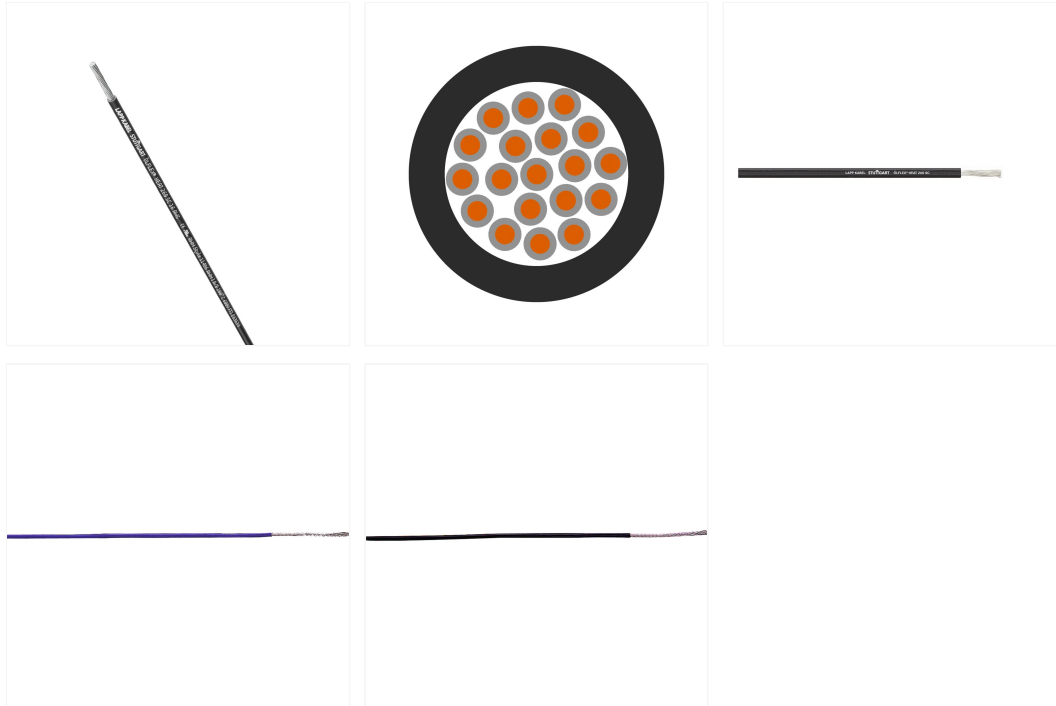


**ÖLFLEX® HEAT 260 SC 20/7AWG BK**

**Article No.:** 0101001

Single conductor; 1X20 AWG; 7; black;  $U_0/U$ : 300/500 V; PTFE; -190°C - 260°C; Fixed Installation



**Details**

**Notes**

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

The absence of PWIS raw materials does not protect against the potential risk of contamination with substances that interfere with the paint wetting during subsequent handling of the product(s) during transport, storage or further processing after delivery.

### Remarks

### Technical Data

#### General information

|              |                  |
|--------------|------------------|
| Brand        | ÖLFLEX®          |
| Product type | Single conductor |
| Copper index | 36.3 lb/10000 ft |

#### Electrical parameters

|                 |   |
|-----------------|---|
| Nominal voltage | $U_0/U$ : 300/500 V AC rms according to IEC |
| test voltage    | 3.4 kV                                      |

#### Product design

|   |                         |
|---|-------------------------|
| Cable dimension                                 | 1X20 AWG                |
| Nominal cross section conductor (AWG)           | 20 AWG                  |
| Wire count                                      | 7                       |
| Conductor material                              | Silver-plated Copper    |
| Conductor design                                | fine-wire               |
| Number of cores                                 | 1                       |
| Shielded  | No                      |
| Nominal outer diameter                          | 0.059 in                |
| Cable form                                      | Round                   |
| Core insulation base material                   | Polytetrafluoroethylene |
| Conductor insulation basic material, short form | PTFE                    |
| Single core color                               | black                   |
| Single conductor identification                 | Single-colored          |

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**Product features**

|  |  |
|--|--|
| Application area                                   | Fixed Installation                           |
| Minimum bending radius, stationary                 | 4 x outer diameter                           |
| Minimum bending radius in inch, fixed installation | 0.236 in                                     |
| Minimum bending radius, occasionally moved         | 10 x outer diameter                          |
| Minimum bending radius in mm, occasionally moved   | 0.591 in                                     |
| Temperature, fixed installation                    | -190 °C to 260 °C max. conductor temperature |
| Flame-retardant                                    | Yes  |
| Flame retardance according to                      | IEC 60332-1-2                                |
| UV-resistant                                       | Yes  |
| Chemical resistant                                 | Yes  |
| Halogenfree  | No   |
| Oil resistant                                      | Yes  |
| PWIS-free  | Yes  |
| PWIS-free according to                             | VDMA 24364-B2-L                              |
| Water resistant                                    | Yes  |

**Certifications and standards**

|                          |  |
|--------------------------|--|
| CE marking               | Yes  |
| EAC certified            | Yes  |
| EAC certification number | EAЭC N RU Д-DE.АЮ64.В.00130/20   |
| UL recognized            | Yes  |
| UL AWM certification     | 11486 according to UL 758 (e-file number: E63634)  |
| UL listed                | No   |
| cUR recognized           | Yes  |
| cUR certification        | AWM I A according to CSA C22.2 No. 210 (e-file number: E63634)<br>AWM I B according to CSA C22.2 No. 210 (e-file number: E63634) |
| cUL listed               | No   |
| CSA certified            | No   |

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|               |    |
|---------------|----|
| VDE certified | No |
|---------------|----|

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|   |    |
|---|----|
| Resistance to flame propagation tested according to UN/ECE-R118 | No |
|---|----|

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**ÖLFLEX® HEAT 260 SC**

| Article No. | Name                              | Nominal cross section conductor (AWG) | Wire count | Single core color | UL AWM certification                              | Nominal conductor diameter | Copper index      |
|-------------|-----------------------------------|---------------------------------------|------------|-------------------|---|----------------------------|-------------------|
| 0094001     | ÖLFLEX® HEAT 260 SC 28/7AWG BK    | 28 AWG                                | 7          | black             | 11486 according to UL 758 (e-file number: E63634) |                            | 6.05 lb/10000 ft  |
| 0095001     | ÖLFLEX® HEAT 260 SC 26/7AWG BK    | 26 AWG                                | 7          | black             | 11486 according to UL 758 (e-file number: E63634) |                            | 9.41 lb/10000 ft  |
| 0095105     | ÖLFLEX® HEAT 260 SC 26/7AWG WH    | 26 AWG                                | 7          | white             | 11486 according to UL 758 (e-file number: E63634) |                            | 9.41 lb/10000 ft  |
| 0096000     | ÖLFLEX® HEAT 260 SC 26/19AWG GNYE | 26 AWG                                | 19         | green/yellow      | 11486 according to UL 758 (e-file number: E63634) |                            | 10.08 lb/10000 ft |
| 0096001     | ÖLFLEX® HEAT 260 SC 26/19AWG BK   | 26 AWG                                | 19         | black             | 11486 according to UL 758 (e-file number: E63634) |                            | 10.08 lb/10000 ft |
| 0096006     | ÖLFLEX® HEAT 260 SC 26/19AWG GN   | 26 AWG                                | 19         | green             | 11486 according to UL 758 (e-file number: E63634) |                            | 10.08 lb/10000 ft |
| 0096104     | ÖLFLEX® HEAT 260 SC 26/19AWG RD   | 26 AWG                                | 19         | red               | 11486 according to UL 758 (e-file number: E63634) |                            | 10.08 lb/10000 ft |
| 0098001     | ÖLFLEX® HEAT 260 SC 24/19AWG BK   | 24 AWG                                | 19         | black             | 11486 according to UL 758 (e-file number: E63634) |                            | 15.46 lb/10000 ft |
| 0098002     | ÖLFLEX® HEAT 260 SC 24/19AWG BU   | 24 AWG                                | 19         | blue              | 11486 according to UL 758 (e-file number: E63634) |                            | 15.46 lb/10000 ft |
| 0098003     | ÖLFLEX® HEAT 260 SC 24/19AWG BN   | 24 AWG                                | 19         | brown             | 11486 according to UL 758 (e-file number: E63634) |                            | 15.46 lb/10000 ft |
| 0098006     | ÖLFLEX® HEAT 260 SC 24/19AWG GN   | 24 AWG                                | 19         | green             | 11486 according to UL 758 (e-file number: E63634) |                            | 15.46 lb/10000 ft |
| 0099001     | ÖLFLEX® HEAT 260 SC 22/7AWG BK    | 22 AWG                                | 7          | black             | 11486 according to UL 758 (e-file number: E63634) |                            | 22.8 lb/10000 ft  |
| 0099002     | ÖLFLEX® HEAT 260 SC 22/7AWG BU    | 22 AWG                                | 7          | blue              | 11486 according to UL 758 (e-file number: E63634) |                            | 22.85 lb/10000 ft |
| 0099003     | ÖLFLEX® HEAT 260 SC 22/7AWG BN    | 22 AWG                                | 7          | brown             | 11486 according to UL 758 (e-file number: E63634) |                            | 22.85 lb/10000 ft |
| 0099005     | ÖLFLEX® HEAT 260 SC 22/7AWG YE    | 22 AWG                                | 7          | yellow            | 11486 according to UL 758 (e-file number: E63634) |                            | 22.85 lb/10000 ft |
|             |                                   |                                       |            |                   | 11486 according to UL 758 (e-file number: E63634) |                            | 22.85 lb/10000 ft |

| Article No. | Name                            | Nominal cross section conductor (AWG) | Wire count | Single core color | UL AWM certification                              | Nominal conductor diameter | Copper index      |
|-------------|---------------------------------|---------------------------------------|------------|-------------------|---|----------------------------|-------------------|
| 0099006     | ÖLFLEX® HEAT 260 SC 22/7AWG GN  | 22 AWG                                | 7          | green             | E63634)   |                            | ft                |
| 0099007     | ÖLFLEX® HEAT 260 SC 22/7AWG VT  | 22 AWG                                | 7          | violet            | 11486 according to UL 758 (e-file number: E63634) |                            | 22.85 lb/10000 ft |
| 0099104     | ÖLFLEX® HEAT 260 SC 22/7AWG RD  | 22 AWG                                | 7          | red               | 11486 according to UL 758 (e-file number: E63634) |                            | 22.85 lb/10000 ft |
| 0099105     | ÖLFLEX® HEAT 260 SC 22/7AWG WH  | 22 AWG                                | 7          | white             | 11486 according to UL 758 (e-file number: E63634) |                            | 22.84 lb/10000 ft |
| 0100001     | ÖLFLEX® HEAT 260 SC 22/19AWG BK | 22 AWG                                | 19         | black             | 11486 according to UL 758 (e-file number: E63634) |                            | 24.86 lb/10000 ft |
| 0100002     | ÖLFLEX® HEAT 260 SC 22/19AWG BU | 22 AWG                                | 19         | blue              | 11486 according to UL 758 (e-file number: E63634) |                            | 24.86 lb/10000 ft |
| 0100003     | ÖLFLEX® HEAT 260 SC 22/19AWG BN | 22 AWG                                | 19         | brown             | 11486 according to UL 758 (e-file number: E63634) |                            | 24.86 lb/10000 ft |
| 0100005     | ÖLFLEX® HEAT 260 SC 22/19AWG YE | 22 AWG                                | 19         | yellow            | 11486 according to UL 758 (e-file number: E63634) |                            | 24.86 lb/10000 ft |
| 0100104     | ÖLFLEX® HEAT 260 SC 22/19AWG RD | 22 AWG                                | 19         | red               | 11486 according to UL 758 (e-file number: E63634) |                            | 24.86 lb/10000 ft |
| 0100105     | ÖLFLEX® HEAT 260 SC 22/19AWG WH | 22 AWG                                | 19         | white             | 11486 according to UL 758 (e-file number: E63634) |                            | 24.86 lb/10000 ft |
| 0101001     | ÖLFLEX® HEAT 260 SC 20/7AWG BK  | 20 AWG                                | 7          | black             | 11486 according to UL 758 (e-file number: E63634) |                            | 36.3 lb/10000 ft  |
| 0101002     | ÖLFLEX® HEAT 260 SC 20/7AWG BU  | 20 AWG                                | 7          | blue              | 11486 according to UL 758 (e-file number: E63634) |                            | 36.29 lb/10000 ft |
| 0101104     | ÖLFLEX® HEAT 260 SC 20/7AWG RD  | 20 AWG                                | 7          | red               | 11486 according to UL 758 (e-file number: E63634) |                            | 36.3 lb/10000 ft  |
| 0102001     | ÖLFLEX® HEAT 260 SC 20/19AWG BK | 20 AWG                                | 19         | black             | 11486 according to UL 758 (e-file number: E63634) |                            | 39.6 lb/10000 ft  |
| 0102002     | ÖLFLEX® HEAT 260 SC 20/19AWG BU | 20 AWG                                | 19         | blue              | 11486 according to UL 758 (e-file number: E63634) |                            | 39.6 lb/10000 ft  |
| 0102003     | ÖLFLEX® HEAT 260 SC 20/19AWG BN | 20 AWG                                | 19         | brown             | 11486 according to UL 758 (e-file number: E63634) |                            | 39.65 lb/10000 ft |

| Article No. | Name                              | Nominal cross section conductor (AWG) | Wire count | Single core color | UL AWM certification                              | Nominal conductor diameter | Copper index      |
|-------------|-----------------------------------|---------------------------------------|------------|-------------------|---|----------------------------|-------------------|
| 0102005     | ÖLFLEX® HEAT 260 SC 20/19AWG YE   | 20 AWG                                | 19         | yellow            | 11486 according to UL 758 (e-file number: E63634) |                            | 39.6 lb/10000 ft  |
| 0102104     | ÖLFLEX® HEAT 260 SC 20/19AWG RD   | 20 AWG                                | 19         | red               | 11486 according to UL 758 (e-file number: E63634) |                            | 39.6 lb/10000 ft  |
| 0102105     | ÖLFLEX® HEAT 260 SC 20/19AWG WH   | 20 AWG                                | 19         | white             | 11486 according to UL 758 (e-file number: E63634) |                            | 39.6 lb/10000 ft  |
| 0102106     | ÖLFLEX® HEAT 260 SC 20/19AWG GY   | 20 AWG                                | 19         | gray              | 11486 according to UL 758 (e-file number: E63634) |                            | 39.65 lb/10000 ft |
| 0103001     | ÖLFLEX® HEAT 260 SC 18/7AWG BK    | 18 AWG                                | 7          | black             | 11486 according to UL 758 (e-file number: E63634) |                            | 57.8 lb/10000 ft  |
| 0104000     | ÖLFLEX® HEAT 260 SC 18/19AWG GNYE | 18 AWG                                | 19         | green/yellow      | 11486 according to UL 758 (e-file number: E63634) |                            | 62.49 lb/10000 ft |
| 0104001     | ÖLFLEX® HEAT 260 SC 18/19AWG BK   | 18 AWG                                | 19         | black             | 11486 according to UL 758 (e-file number: E63634) |                            | 62.49 lb/10000 ft |
| 0104002     | ÖLFLEX® HEAT 260 SC 18/19AWG BU   | 18 AWG                                | 19         | blue              | 11486 according to UL 758 (e-file number: E63634) |                            | 62.49 lb/10000 ft |
| 0104003     | ÖLFLEX® HEAT 260 SC 18/19AWG BN   | 18 AWG                                | 19         | brown             | 11486 according to UL 758 (e-file number: E63634) |                            | 62.49 lb/10000 ft |
| 0104005     | ÖLFLEX® HEAT 260 SC 18/19AWG YE   | 18 AWG                                | 19         | yellow            | 11486 according to UL 758 (e-file number: E63634) |                            | 62.49 lb/10000 ft |
| 0104006     | ÖLFLEX® HEAT 260 SC 18/19AWG GN   | 18 AWG                                | 19         | green             | 11486 according to UL 758 (e-file number: E63634) |                            | 62.49 lb/10000 ft |
| 0104009     | ÖLFLEX® HEAT 260 SC 18/19AWG OG   | 18 AWG                                | 19         | orange            | 11486 according to UL 758 (e-file number: E63634) |                            | 62.49 lb/10000 ft |
| 0104104     | ÖLFLEX® HEAT 260 SC 18/19AWG RD   | 18 AWG                                | 19         | red               | 11486 according to UL 758 (e-file number: E63634) |                            | 62.5 lb/10000 ft  |
| 0104105     | ÖLFLEX® HEAT 260 SC 18/19AWG WH   | 18 AWG                                | 19         | white             | 11486 according to UL 758 (e-file number: E63634) |                            | 62.49 lb/10000 ft |
| 0105000     | ÖLFLEX® HEAT 260 SC 16/19AWG GNYE | 16 AWG                                | 19         | green/yellow      | 11486 according to UL 758 (e-file number: E63634) |                            | 79.3 lb/10000 ft  |
| 0105001     | ÖLFLEX® HEAT 260 SC 16/19AWG BK   | 16 AWG                                | 19         | black             | 11486 according to UL 758 (e-file number: E63634) |                            | 79.3 lb/10000 ft  |

| Article No. | Name                              | Nominal cross section conductor (AWG) | Wire count | Single core color | UL AWM certification                              | Nominal conductor diameter | Copper index       |
|-------------|-----------------------------------|---------------------------------------|------------|-------------------|---|----------------------------|--------------------|
| 0105002     | ÖLFLEX® HEAT 260 SC 16/19AWG BU   | 16 AWG                                | 19         | blue              | 11486 according to UL 758 (e-file number: E63634) |                            | 79.3 lb/10000 ft   |
| 0105003     | ÖLFLEX® HEAT 260 SC 16/19AWG BN   | 16 AWG                                | 19         | brown             | 11486 according to UL 758 (e-file number: E63634) |                            | 79.3 lb/10000 ft   |
| 0105005     | ÖLFLEX® HEAT 260 SC 16/19AWG YE   | 16 AWG                                | 19         | yellow            | 11486 according to UL 758 (e-file number: E63634) |                            | 79.3 lb/10000 ft   |
| 0105006     | ÖLFLEX® HEAT 260 SC 16/19AWG GN   | 16 AWG                                | 19         | green             | 11486 according to UL 758 (e-file number: E63634) |                            | 79.29 lb/10000 ft  |
| 0105007     | ÖLFLEX® HEAT 260 SC 16/19AWG VT   | 16 AWG                                | 19         | violet            | 11486 according to UL 758 (e-file number: E63634) |                            | 79.29 lb/10000 ft  |
| 0105009     | ÖLFLEX® HEAT 260 SC 16/19AWG OG   | 16 AWG                                | 19         | orange            | 11486 according to UL 758 (e-file number: E63634) |                            | 79.29 lb/10000 ft  |
| 0105104     | ÖLFLEX® HEAT 260 SC 16/19AWG RD   | 16 AWG                                | 19         | red               | 11486 according to UL 758 (e-file number: E63634) |                            | 79.3 lb/10000 ft   |
| 0105105     | ÖLFLEX® HEAT 260 SC 16/19AWG WH   | 16 AWG                                | 19         | white             | 11486 according to UL 758 (e-file number: E63634) |                            | 79.3 lb/10000 ft   |
| 0106000     | ÖLFLEX® HEAT 260 SC 14/19AWG GNYE | 14 AWG                                | 19         | green/yellow      | 11486 according to UL 758 (e-file number: E63634) |                            | 125.6 lb/10000 ft  |
| 0106001     | ÖLFLEX® HEAT 260 SC 14/19AWG BK   | 14 AWG                                | 19         | black             | 11486 according to UL 758 (e-file number: E63634) |                            | 125.64 lb/10000 ft |
| 0106002     | ÖLFLEX® HEAT 260 SC 14/19AWG BU   | 14 AWG                                | 19         | blue              | 11486 according to UL 758 (e-file number: E63634) |                            | 125.6 lb/10000 ft  |
| 0106003     | ÖLFLEX® HEAT 260 SC 14/19AWG BN   | 14 AWG                                | 19         | brown             | 11486 according to UL 758 (e-file number: E63634) |                            | 125.6 lb/10000 ft  |
| 0106005     | ÖLFLEX® HEAT 260 SC 14/19AWG YE   | 14 AWG                                | 19         | yellow            | 11486 according to UL 758 (e-file number: E63634) |                            | 125.66 lb/10000 ft |
| 0106104     | ÖLFLEX® HEAT 260 SC 14/19AWG RD   | 14 AWG                                | 19         | red               | 11486 according to UL 758 (e-file number: E63634) |                            | 125.66 lb/10000 ft |
| 0106105     | ÖLFLEX® HEAT 260 SC 14/19AWG WH   | 14 AWG                                | 19         | white             | 11486 according to UL 758 (e-file number: E63634) |                            | 125.66 lb/10000 ft |
| 0106106     | ÖLFLEX® HEAT 260 SC 14/19AWG GY   | 14 AWG                                | 19         | gray              | 11486 according to UL 758 (e-file number: E63634) |                            | 125.66 lb/10000 ft |

| Article No. | Name                              | Nominal cross section conductor (AWG) | Wire count | Single core color | UL AWM certification                              | Nominal conductor diameter | Copper index       |
|-------------|-----------------------------------|---------------------------------------|------------|-------------------|---|----------------------------|--------------------|
| 0107000     | ÖLFLEX® HEAT 260 SC 12/19AWG GNYE | 12 AWG                                | 19         | green/yellow      | 11486 according to UL 758 (e-file number: E63634) |                            | 198.9 lb/10000 ft  |
| 0107001     | ÖLFLEX® HEAT 260 SC 12/19AWG BK   | 12 AWG                                | 19         | black             | 11486 according to UL 758 (e-file number: E63634) |                            | 198.9 lb/10000 ft  |
| 0107002     | ÖLFLEX® HEAT 260 SC 12/19AWG BU   | 12 AWG                                | 19         | blue              | 11486 according to UL 758 (e-file number: E63634) |                            | 198.9 lb/10000 ft  |
| 0107003     | ÖLFLEX® HEAT 260 SC 12/19AWG BN   | 12 AWG                                | 19         | brown             | 11486 according to UL 758 (e-file number: E63634) |                            | 198.9 lb/10000 ft  |
| 0107009     | ÖLFLEX® HEAT 260 SC 12/19AWG OG   | 12 AWG                                | 19         | orange            | 11486 according to UL 758 (e-file number: E63634) |                            | 198.9 lb/10000 ft  |
| 0107105     | ÖLFLEX® HEAT 260 SC 12/19AWG WH   | 12 AWG                                | 19         | white             | 11486 according to UL 758 (e-file number: E63634) |                            | 198.9 lb/10000 ft  |
| 0108000     | ÖLFLEX® HEAT 260 SC 10/37AWG GNYE | 10 AWG                                | 37         | green/yellow      |   |                            | 306.4 lb/10000 ft  |
| 0108001     | ÖLFLEX® HEAT 260 SC 10/37AWG BK   | 10 AWG                                | 37         | black             |   |                            | 306.42 lb/10000 ft |
| 0108002     | ÖLFLEX® HEAT 260 SC 10/37AWG BU   | 10 AWG                                | 37         | blue              |   |                            | 306.4 lb/10000 ft  |

V1.1