



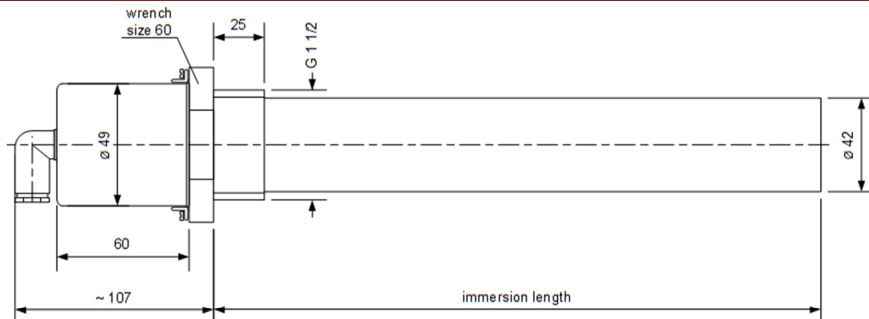
## 3.5 Screw-in heating element G 1½



Photograph shows steel-cap for protection type IP 65

### Model O/42

|                       |   |   |
|-----------------------|---|---|
| <b>Application</b>    | For heating up:<br>low-viscosity oil, hydraulic fluid<br>fluids with similar viscosity to water<br>in case of doubt - ask your oil or fluid supplier for the max. surface load  | surface load:<br>1.5 W/cm <sup>2</sup><br>2.5 W/cm <sup>2</sup> |
| <b>Design</b>         | Steel jacket tube Ø 42 mm with exchangeable ceramic heating element, 230 V<br>steel nipple G 1½, steel cap IP 30<br><b>horizontal</b> installation.   |   |
| <b>Special design</b> | Other lengths, unheated areas, powers, voltages, vertical installation and materials:<br>steel nipple G 1½ with stainless-steel jacket tube Ø 42 mm mat.-no. 1.4571 (AISI 316Ti),<br>stainless-steel nipple G 1½ with stainless-steel jacket tube Ø 42 mm mat.-no. 1.4571 (AISI 316Ti),<br>brass nipple G 1½ with steel jacket tube Ø 35 mm (20% less power),<br>protection type IP 65 with steel cap with angled cable entry (design is shown on this page)<br>or brass screw-cap with axial cable entry |   |



| Immersion length [mm] approx. | Weight [kg] approx. | Power [Watt] approx. | Article-no. | Power [Watt] approx.               |                                    |
|-------------------------------|---------------------|----------------------|-------------|------------------------------------|------------------------------------|
|                               |                     |                      |             | Surface load 1.5 W/cm <sup>2</sup> | Surface load 2.5 W/cm <sup>2</sup> |
| 200                           | 1.2                 | 400                  | 0305 0011   | 650                                | 0305 1011                          |
| 300                           | 1.5                 | 600                  | 0305 0021   | 1000                               | 0305 1021                          |
| 400                           | 1.8                 | 800                  | 0305 0031   | 1300                               | 0305 1031                          |
| 500                           | 2.0                 | 1000                 | 0305 0041   | 1650                               | 0305 1041                          |
| 600                           | 2.4                 | 1200                 | 0305 0051   | 2000                               | 0305 1051                          |
| 700                           | 2.7                 | 1400                 | 0305 0061   | 2300                               | 0305 1061                          |
| 800                           | 3.0                 | 1600                 | 0305 0071   | 2650                               | 0305 1071                          |
| 900                           | 3.3                 | 1800                 | 0305 0081   | 3000                               | 0305 1081                          |
| 1000                          | 3.6                 | 2000                 | 0305 0091   | 3300                               | 0305 1091                          |
| 1100                          | 3.9                 | 2200                 | 0305 0101   | 3650*                              | 0305 1101                          |
| 1200                          | 4.2                 | 2400                 | 0305 0111   | 4000*                              | 0305 1111                          |
| 1400                          | 4.8                 | 2800                 | 0305 0121   | 4600*                              | 0305 1121                          |
| 1600                          | 5.4                 | 3200                 | 0305 0131   | 5300*                              | 0305 1131                          |
| 1800                          | 6.0                 | 3600*                | 0305 0141   | 6000*                              | 0305 1141                          |
| 2000                          | 6.6                 | 4000*                | 0305 0151   | 6600*                              | 0305 1151                          |

\*only for 3-phase current available