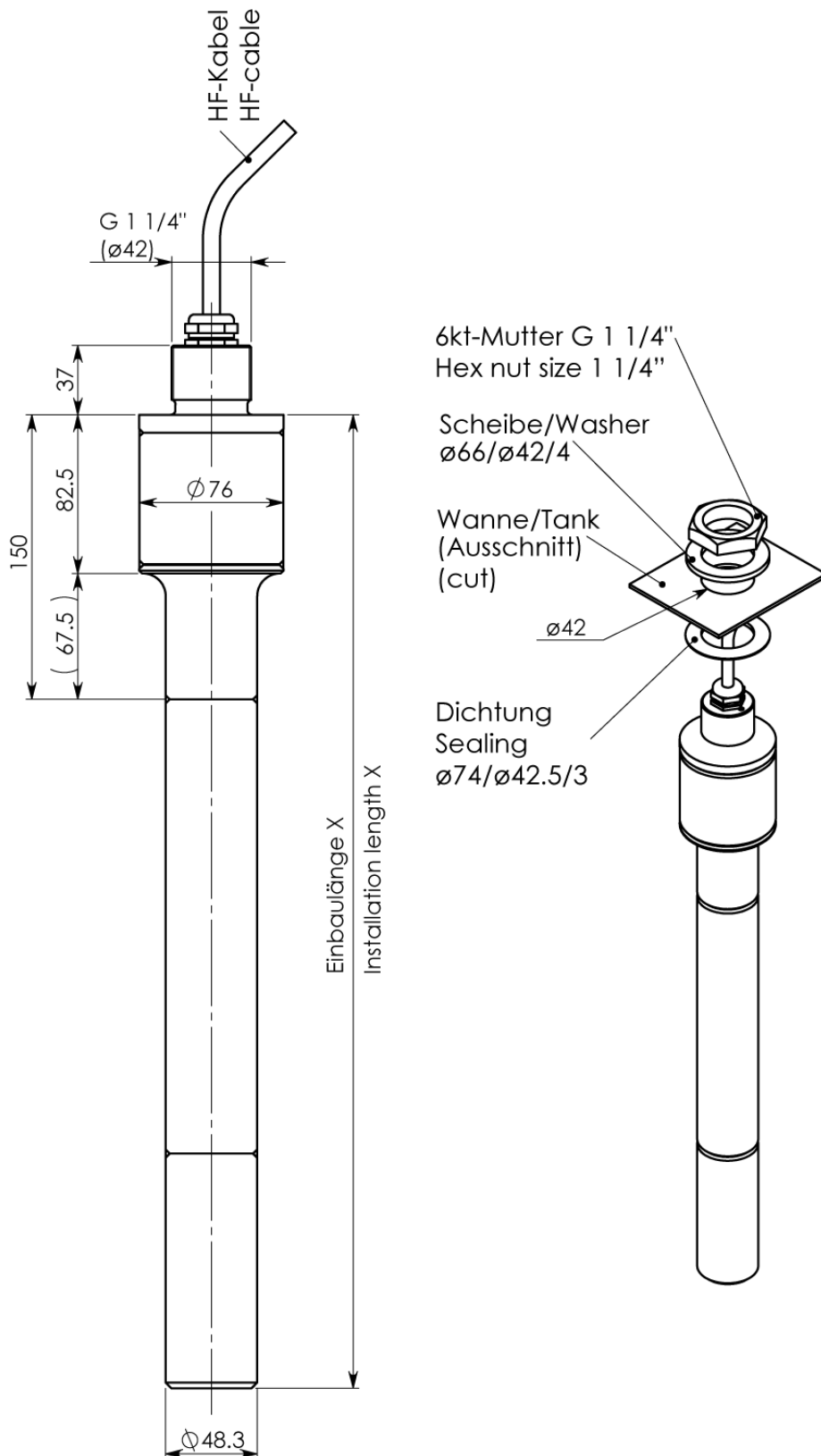


**Technical Information Tube resonators RS-20-48-X
 20 kHz**

1.1 Dimensions



**Technical Information Tube resonators RS-20-48-X
 20 kHz**

1.2 Product Specification

Frequency:	20 kHz
Lengths:	See list below
HF-connection:	Binder plug 3P+E
Material:	316L (1.4435 / 1.4404)
Options:	Stainless steel braided protection hose Stainless steel braided protection hose with angular connector

20 kHz	RS 20-48-1	RS 20-48-2	RS 20-48-3	RS 20-48-4	RS 20-48-5	RS 20-48-6	RS 20-48-7	RS 20-48-8	RS 20-48-9	RS 20-48-10	RS 20-48-11	RS 20-48-12
---------------	------------	------------	------------	------------	------------	------------	------------	------------	------------	-------------	-------------	-------------

Physical characteristics:

Reference Power W	600	600	1000	1000	1000	1000	1000	1000	1000	1500	1500	1500
Installation length X mm	407	528	648	765	886	1006	1127	1247	1367	1487	1607	1727
Intensity on surface W/cm ²	0.60	0.69	0.65	0.63	0.51	0.52	0.45	0.40	0.35	0.32	0.29	0.27

Load:

Tube resonator 1-head	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
-----------------------	---	---	---	---	---	---	---	---	---	---	---	---

Installation:

Horizontal with protection hose	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Vertical with protection hose	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Horizontal without protection hose	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Vertikal without protection hose (only when cooled!)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cable length max. m	10	10	10	10	10	10	10	10	10	10	10	10

**Technical Information Tube resonators RS-20-48-X
 20 kHz**

1.3 Order numbers

Article:	with 4m HF-cable	with 4m HF-cable with 2m stainless steel braided protection hose	4m HF-cable with 2m stainless steel braided protection hose and 90° angular plug
RS-20-48-1	901 599 101	901 599 201	901 599 301
RS-20-48-2	901 599 102	901 599 202	901 599 302
RS-20-48-3	901 599 103	901 599 203	901 599 303
RS-20-48-4	901 599 104	901 599 204	901 599 304
RS-20-48-5	901 599 105	901 599 205	901 599 305
RS-20-48-6	901 599 106	901 599 206	901 599 306
RS-20-48-7	901 599 107	901 599 207	901 599 307
RS-20-48-8	901 599 108	901 599 208	901 599 308
RS-20-48-9	901 599 109	901 599 209	901 599 309
RS-20-48-10	901 599 110	901 599 210	901 599 310
RS-20-48-11	901 599 111	901 599 211	901 599 311
RS-20-48-12	901 599 112	901 599 212	901 599 312

Other cable or protection hose lengths available on request.

Extension cables:

HF-cable 3 m	514 210 031
HF-cable 6 m	514 210 060
HF-cable 10 m	514 210 101
(Generator tuning required)	

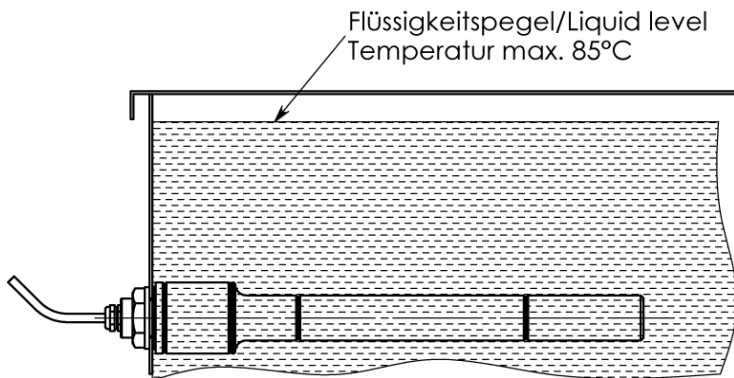
Generator:

ECO ultrasonic generator 20kHz 600-1500W	See appropriate data sheet
--	----------------------------

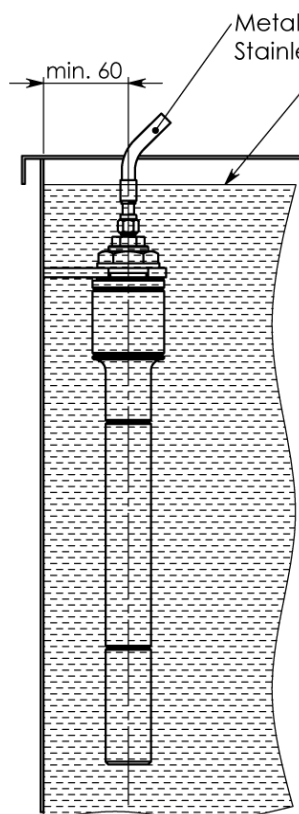
**Technical Information Tube resonators RS-20-48-X
 20 kHz**

1.4 Installation and details

**VARIANTE 1
 METHOD 1**



**VARIANTE 2
 METHOD 2**



**VARIANTE 3
 METHOD 3**

