

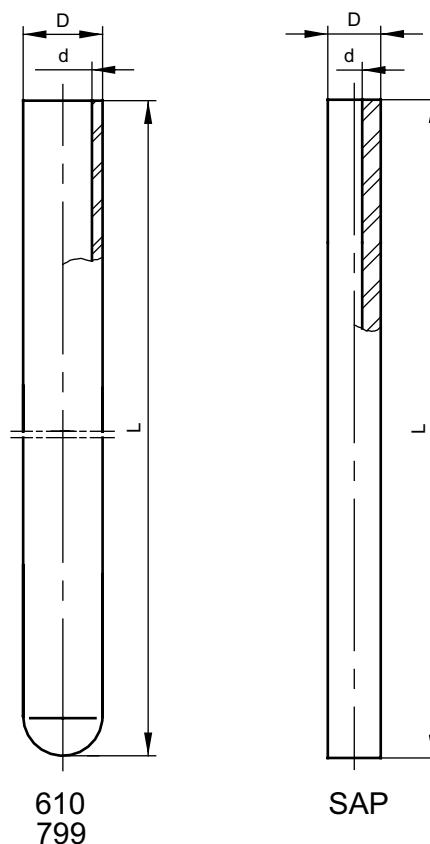
Ceramic protection tubes are suitable for applications with high operating temperatures, replacing standard steel thermowells. Protection tubes are replaceable elements and their selection depends primarily on ambient conditions, operating temperature and measured medium.

Specification

Material*

Ceramics: mullite 610 or corundum 799
acc. to PN-EN-60672:2002, and monocrystal SAP

Properties/ material	610	799	SAP
Content of Al ₂ O ₃ [%]	60	99,7	99,999
Density [g/cm ³]	2,6	3,7	3,98
Bending resistance [MPa]	120	300	—
Resistance to temperature changes K]	150	150	nonresistant
Thermal conductivity [W/mxK]	10	25	33,5
Mohs hardness	8	9	9
Temperature of application [°C]	1400	1700	2000



Dimensions*

D/d	5/3	6/4	8/5	10/6	15/10	24/18(19)
610	—	—	—	x	x	x
799	x	x	x	x	x	x
L_{max}	520	1430		2030		

SAP

D/d	4,8/3,4	8/5	10/3
L_{max}	180 ÷ 1645	370 ÷ 1500	430 ÷ 1320

*Other parameters acc. to requirements

Product code

1	<input type="text"/>	Protection tube dimension D	
		15	15mm other parameters acc. to requirements
2	<input type="text"/>	Material	
		799	799 other parameters acc. to requirements
3	<input type="text"/>	Protection tube length L	
		1030	1030mm other parameters acc. to requirements

1 2 3
 OC - - -

Ordering example:

Protection Tube OC-10-799-1030