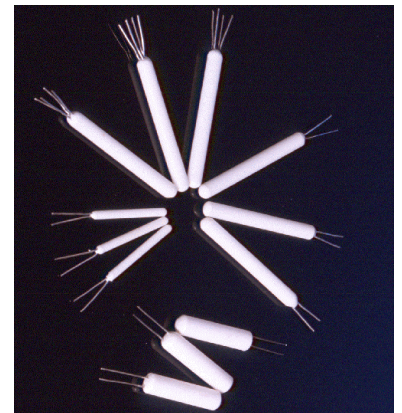


**WIRE WOUND CERAMIC RTDS WITH PLATINUM OR NICKEL DEVELOPMENT**

Wire wound ceramic RTDs are the classical shape for the Pt100 RTDs. The features are a wide temperature range and their robustness. The offered RTDs correspond in their basic values and tolerances to DIN EN 60751. The temperature range is  $-200^{\circ}\text{C} \dots +600^{\circ}\text{C}$ . The values in the table are a selection. Since not all sensors are suitable for all measuring tasks, RTDs are produced according to different manufacturing methods and different sizes. The offered RTDs are basically bifilar and wound with wire. A protective varnish respectively a ceramic cylindrical protects the winding from external influences. RTDs with different resistance values can be delivered on request as well as thermal aged types for especially high stability demands.



**TECHNICAL DATA**

Type	Diameter in mm	Length in mm	Nominal resistance in $\Omega$	self-heating in K/mW air 1m/s	Response times			
					Water 0,2m/s		air 1m/s	
					T0,5	T0,9	T0,5	T0,9
W 60/1	$4,6 \pm 0,2$	$30 \pm 2$	1xPt100	7	0,9	2,6	19	72
W 60/3	$2,8 \pm 0,2$	$30 \pm 2$	1xPt100	5	0,5	1,5	11	44
W 60/4	$2,8 \pm 0,2$	$30 \pm 2$	2xPt100	5	0,5	1,5	11	44
W 60/24	$2,0 \pm 0,1$	$20 \pm 2$	1xPt100	4	0,4	0,9	7	27
W 60/63	$2,0 \pm 0,1$	$20 \pm 2$	2xPT100	4	0,4	0,9	7	27
W 60/69	$1,6 \pm 0,1$	$12 \pm 2$	1xPt100	2,5	0,2	0,6	4	12

