端面热电阻、热电偶
End-face thermal resistance and end-face thermocouple

WZCM、WZPM型端面热电阻和WRNM、WREM型端面热电偶，与常规热电阻、热电偶相比，能更迅速、更准确的反应被测表面实际温度。适用于测量轴瓦或其它机体表面的温度。

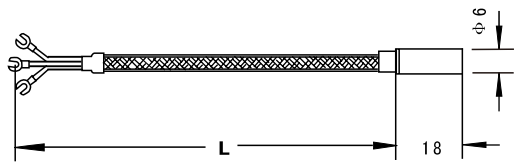
End-face thermal resistance of WZCM and WZPM type and end-face thermocouple of WRNM and WREM type, compared with the conventional thermal resistance and thermocouple, can reflect the true temperature of the surface to be detected both quickly and accurately. They are suitable to measure the surface temperature of bearing shell and other machines.

端面热电阻、热电偶End-face thermal resistance and end-face thermocouple

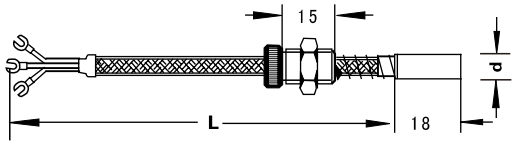
型号Type	分度号Graduation mark	测量范围 Measuring range (℃)	热响应时间Thermal response time τ0.5(s)	保护管材料 Protection tube material	L(mm)	允许偏差 Tolerance △t(℃)	规格 Specification (mm)	
WZPM-001-3P	Pt100	-70~+200	≤10	1Cr18Ni9Ti	500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000	±(0.3+0.005|t|)	d=φ6	
WZCM-001-3P	Cu50	-50~+100	≤15			±(0.3+0.006|t|)		
WZPM-201-2	Pt100	-70~+200	≤10	Cu		±(0.3+0.005|t|)	d=φ6	M8×0.75
WZCM-201-2	Cu50	-50~+100	≤15			±(0.3+0.006|t|)		
WZPM-201-3F	Pt100	-70~+200	≤10			±(0.3+0.005|t|)		
WZCM-201-3F	Cu50	-50~+100	≤15			±(0.3+0.006|t|)		
WRNM-201	K	0~500	≤5	Cu		±2.5℃		
WREM-201	E	0~500						
WZPM-201	Pt100	-50~+200	≤10	Cu		±(0.3+0.005|t|)	d=φ8.7	M10×1
WZCM-201	Cu50	-50~+100	≤15			±(0.3+0.006|t|)		
WZPM-101-Y	Pt100	-70~+200	≤10	Cu		±(0.3+0.005|t|)	d=φ6	W=14 W=20 W=28
WZCM-101-Y	Cu50	-50~+100	≤15			±(0.3+0.006|t|)		
WRNM-301	K	0~400	≤5	Cu		*±2.5℃or±0.0075|t|	M6×1	
WREM-301	E							

注：（1）|t|为实测温度绝对值。（2）型号后加-3P为三线制带屏蔽导线，型号后加-2为二线制无屏蔽带耐油护套导线；型号后加-3F为三线制无屏蔽带耐油护套导线，型号后加-4P为四线制带屏蔽、耐油护套导线。引出线类型可根据用户要求选定。（3）热电阻引出线超出30m选用四线制 。（4）“*”表示允许偏差两者中取其大者。

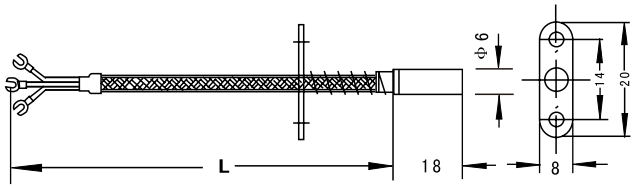
Note: (1) |t| is the absolute value of the measured temperature. (2) The type with -3P is three-wire system shielded conductor, and that with -2 is two-wire system unshielded conductor with oil-proof sheath, and that with -3F is three-wire system unshielded conductor with oil-proof sheath and that with -4P is three-wire system shielded conductor with oil-proof sheath. The type for leading-out wire can be selected as the users required. (3) The leading-out wire over 30m selects four-wire system. (4) “*” indicates that between the two tolerances, the bigger one is selected.



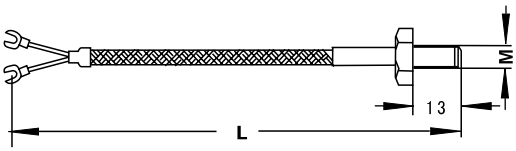
WZPM-001、WZCM-001



WZ□M-201、WZ□M-201B、WR□M-201



WZPM-101Y、WZCM-101Y



WR□M-301