

# Electronic temperature control, rod

(P2)

Main references (Rod dia. 8mm)\*

Temperature adjustment ranges °C (°F)	References with external adjustment	References with internal adjustment	Temperature sensor	Rod length*(L, mm)	Differential °C (°F)
-35-35°C (-30+95°F)	Y1S2PN6F235035BJ	Y1R2PN6F235035BJ	NTC (10KOhms @25°C)	90	0,5~0,8°C (0,9~1,4°F)
-35-35°C (-30+95°F)	Y1S2PN6F235035CJ	Y1R2PN6F235035CJ	NTC (10KOhms @25°C)	110	0,5~0,8°C (0,9~1,4°F)
-35-35°C (-30+95°F)	Y1S2PN6F235035DJ	Y1R2PN6F235035DJ	NTC (10KOhms @25°C)	170	0,5~0,8°C (0,9~1,4°F)
-35-35°C (-30+95°F)	Y1S2PN6F235035EJ	Y1R2PN6F235035EJ	NTC (10KOhms @25°C)	230	0,5~0,8°C (0,9~1,4°F)
-35-35°C (-30+95°F)	Y1S2PN6F235035FJ	Y1R2PN6F235035FJ	NTC (10KOhms @25°C)	300	0,5~0,8°C (0,9~1,4°F)
-35-35°C (-30+95°F)	Y1S2PN6F235035GJ	Y1R2PN6F235035GJ	NTC (10KOhms @25°C)	450	0,5~0,8°C (0,9~1,4°F)
0-10°C (32-50°F)	Y1G2PN6F2000102J	Y1R2PN6F2000102J	NTC (10KOhms @25°C)	110	0,5~0,8°C (0,9~1,4°F)
0-10°C (32-50°F)	Y1S2PN6F200010CJ	Y1R2PN6F200010EJ	NTC (10KOhms @25°C)	230	0,5~0,8°C (0,9~1,4°F)
0-10°C (32-50°F)	Y1S2PN6F200010EJ	Y1R2PN6F200010FJ	NTC (10KOhms @25°C)	300	0,5~0,8°C (0,9~1,4°F)
0-10°C (32-50°F)	Y1S2PN6F200010FJ	Y1R2PN6F200010GJ	NTC (10KOhms @25°C)	450	0,5~0,8°C (0,9~1,4°F)
4-40°C (40-105°F)	Y1S2PN6F204040BJ	Y1R2PN6F204040BJ	NTC (10KOhms @25°C)	90	0,5~0,8°C (0,9~1,4°F)
4-40°C (40-105°F)	Y1S2PN6F204040CJ	Y1R2PN6F204040CJ	NTC (10KOhms @25°C)	110	0,5~0,8°C (0,9~1,4°F)
4-40°C (40-105°F)	Y1S2PN6F204040DJ	Y1R2PN6F204040DJ	NTC (10KOhms @25°C)	170	0,5~0,8°C (0,9~1,4°F)
4-40°C (40-105°F)	Y1S2PN6F204040EJ	Y1R2PN6F204040EJ	NTC (10KOhms @25°C)	230	0,5~0,8°C (0,9~1,4°F)
4-40°C (40-105°F)	Y1S2PN6F204040FJ	Y1R2PN6F204040FJ	NTC (10KOhms @25°C)	300	0,5~0,8°C (0,9~1,4°F)
4-40°C (40-105°F)	Y1S2PN6F204040GJ	Y1R2PN6F204040GJ	NTC (10KOhms @25°C)	450	0,5~0,8°C (0,9~1,4°F)
30-90°C (85-195°F)	Y1S2PN6F230090BJ	Y1R2PN6F230090BJ	NTC (10KOhms @25°C)	90	0,5~0,8°C (0,9~1,4°F)
30-90°C (85-195°F)	Y1S2PN6F230090CJ	Y1R2PN6F230090CJ	NTC (10KOhms @25°C)	110	0,5~0,8°C (0,9~1,4°F)
30-90°C (85-195°F)	Y1S2PN6F230090DJ	Y1R2PN6F230090DJ	NTC (10KOhms @25°C)	170	0,5~0,8°C (0,9~1,4°F)
30-90°C (85-195°F)	Y1S2PN6F230090EJ	Y1R2PN6F230090EJ	NTC (10KOhms @25°C)	230	0,5~0,8°C (0,9~1,4°F)
30-90°C (85-195°F)	Y1S2PN6F230090FJ	Y1R2PN6F230090FJ	NTC (10KOhms @25°C)	300	0,5~0,8°C (0,9~1,4°F)
30-90°C (85-195°F)	Y1S2PN6F230090GJ	Y1R2PN6F230090GJ	NTC (10KOhms @25°C)	450	0,5~0,8°C (0,9~1,4°F)
30-90°C (85-195°F)	Y1S2PN6F230090HJ	Y1R2PN6F230090HJ	NTC (10KOhms @25°C)	600	0,5~0,8°C (0,9~1,4°F)
30-90°C (85-195°F)	Y1S2PN6F230090JJ	Y1R2PN6F230090JJ	NTC (10KOhms @25°C)	800	0,5~0,8°C (0,9~1,4°F)
30-110°C (85-230°F)	Y1S2PN6F230110BJ	Y1R2PN6F230110BJ	NTC (10KOhms @25°C)	90	0,5~0,8°C (0,9~1,4°F)
30-110°C (85-230°F)	Y1S2PN6F230110CJ	Y1R2PN6F230110CJ	NTC (10KOhms @25°C)	110	0,5~0,8°C (0,9~1,4°F)
30-110°C (85-230°F)	Y1S2PN6F230110DJ	Y1R2PN6F230110DJ	NTC (10KOhms @25°C)	170	0,5~0,8°C (0,9~1,4°F)
30-110°C (85-230°F)	Y1S2PN6F230110EJ	Y1R2PN6F230110EJ	NTC (10KOhms @25°C)	230	0,5~0,8°C (0,9~1,4°F)
30-110°C (85-230°F)	Y1S2PN6F230110FJ	Y1R2PN6F230110FJ	NTC (10KOhms @25°C)	300	0,5~0,8°C (0,9~1,4°F)
30-110°C (85-230°F)	Y1S2PN6F230110GJ	Y1R2PN6F230110GJ	NTC (10KOhms @25°C)	450	0,5~0,8°C (0,9~1,4°F)
30-110°C (85-230°F)	Y1S2PN6F230110HJ	Y1R2PN6F230110HJ	NTC (10KOhms @25°C)	600	0,5~0,8°C (0,9~1,4°F)
30-110°C (85-230°F)	Y1S2PN6F230110JJ	Y1R2PN6F230110JJ	NTC (10KOhms @25°C)	800	0,5~0,8°C (0,9~1,4°F)
30-110°C (85-230°F)	Y1S2PN6F230110KJ	Y1R2PN6F230110KJ	NTC (10KOhms @25°C)	1000	0,5~0,8°C (0,9~1,4°F)
50-200°C (120-390°F)	Y1S2PP6F250200EJ	Y1R2PP6F250200EJ	Pt100	230	0,5~0,8°C (0,9~1,4°F)
50-200°C (120-390°F)	Y1S2PP6F250200FJ	Y1R2PP6F250200FJ	Pt100	300	0,5~0,8°C (0,9~1,4°F)
50-200°C (120-390°F)	Y1S2PP6F250200GJ	Y1R2PP6F250200GJ	Pt100	450	0,5~0,8°C (0,9~1,4°F)
50-200°C (120-390°F)	Y1S2PP6F250200HJ	Y1R2PP6F250200HJ	Pt100	600	0,5~0,8°C (0,9~1,4°F)
50-200°C (120-390°F)	Y1S2PP6F250200JJ	Y1R2PP6F250200JJ	Pt100	800	0,5~0,8°C (0,9~1,4°F)
50-300°C (120-570°F)	Y1S2PP6F250300FJ	Y1R2PP6F250300FJ	Pt100	300	0,5~0,8°C (0,9~1,4°F)
50-300°C (120-570°F)	Y1S2PP6F250300GJ	Y1R2PP6F250300GJ	Pt100	450	0,5~0,8°C (0,9~1,4°F)
50-300°C (120-570°F)	Y1S2PP6F250300HJ	Y1R2PP6F250300HJ	Pt100	600	0,5~0,8°C (0,9~1,4°F)
100-400°C (210-750°F)	Y1S2PP6F2A0400FJ	Y1R2PP6F2A0400FJ	Pt100	300	0,5~0,8°C (0,9~1,4°F)
100-400°C (210-750°F)	Y1S2PP6F2A0400GJ	Y1R2PP6F2A0400GJ	Pt100	450	0,5~0,8°C (0,9~1,4°F)
100-400°C (210-750°F)	Y1S2PP6F2A0400HJ	Y1R2PP6F2A0400HJ	Pt100	600	0,5~0,8°C (0,9~1,4°F)
100-500°C (210-930°F)	Y1S2PP6F2A0500FJ	Y1R2PP6F2A0500FJ	Pt100	300	0,5~0,8°C (0,9~1,4°F)
100-500°C (210-930°F)	Y1S2PP6F2A0500GJ	Y1R2PP6F2A0500GJ	Pt100	450	0,5~0,8°C (0,9~1,4°F)
100-500°C (210-930°F)	Y1S2PP6F2A0500HJ	Y1R2PP6F2A0500HJ	Pt100	600	0,5~0,8°C (0,9~1,4°F)

\*F printing: replace last character (J) by K

\*Above 200°C we recommend to use a rod cooler reference 66RF07015 or 66RF0701F12 between the rod and the enclosure (see accessories). Caution: This cooler reduces the usable rod length by 70mm

## Knob printings

°C Printing				°F Printing			
-35+35°C	4-40°C	30-90°C	30-110°C	-30+95°F	40-105°F	85-195°F	85-230°F
50-200°C	50-300°C	100-400°C	100-500°C	120-390°F	120-570°F	210-750°F	210-930°F

Because of permanent improvement of our products, features used on these data sheets are for guidance only and can be modified without prior advice