



# Additional Data for Multi-Turn Precision Potentiometers

## HELO 5 Series - Resistance element data

RS stock no.	Resistance values	Resolution (%)	Wire temp. coefficient (PPM/°C)
173-451	100	.054	500
173-473	500	.053	40
173-502	5K	.033	80
173-518	10K	.026	80
173-524	25K	.019	80
173-530	50K	.015	80
173-546	100K	.013	20

## 533, 534 and 535 Series - Resistance element data

Resistance values (Ohms)						Resolution %			Ohms per turn			Max. current at 70°C ambient (milliamps)			Max. voltage across coil (Volts)		
533	RS stock no.	534	RS stock no.	535	RS stock no.	533	534	535	533	534	535	533	534	535	533	534	535
		100	173-350				.060			.0603			141.0			14.1	
		200	173-366				.037			.0746			100.00			20.0	
		500	173-372				.031			.1520			63.2			31.6	
1K	166-4425	1K	173-388	1K	166-4380	.063	.025	.041	.6631	.2459	.4113	31.6	44.7	38.7	31.6	44.7	38.7
		2K	173-394				.021			.4113			31.6			63.2	
5K	166-4431	5K	173-401	5K	166-4396	.044	.016	.034	2.330	.8206	1.7230	14.1	20.0	17.3	70.7	100.0	86.6
10K	166-4447	10K	173-417	10K	166-4403	.034	.017	.030	3.4510	1.7230	3.0160	10.0	14.1	12.2	100.0	141.0	122.0
		20K	173.423				.015			3.0160			10.0			200.0	
		50K	173-439	50K	166-4419		.009	.015		4.6690	7.4560		6.32	5.47		316.0	274.0
		100K	173-445				.007			7.4560			4.47			447.0	

## 860 Series

RS stock no.	Resistance values (Ohms)	Resolution %	Ohms per turn	Max. current at 40°C ambient (milliamps)(volts)	Max.voltage across coil	Wire temp. coef PPM/°C
294-3713	100	.024	.024	283	28	800
294-3729	500	.023	.115	126	63	20
294-3735	1K	.018	.182	89	89	20
294-3741	2K	.020	.402	63	126	110
294-3757	5K	.015	.754	40	200	20
294-3763	10K	.013	1.23	28	283	20
294-3779	50K	.007	3.69	13	632	20
294-3791	100K	.007	6.51	8.9	894	20

RS Components shall not be liable for any liability or loss of any nature (howsoever caused and whether or not due to RS Components' negligence) which may result from the use of any information provided in RS technical literature