

T H E R M O M E T R I C S
A C O M M I T M E N T T O E X C E L L E N C E

NTC Thermistors Type KU Unleaded Disc

Description

A range of unleaded disc thermistors.

Features

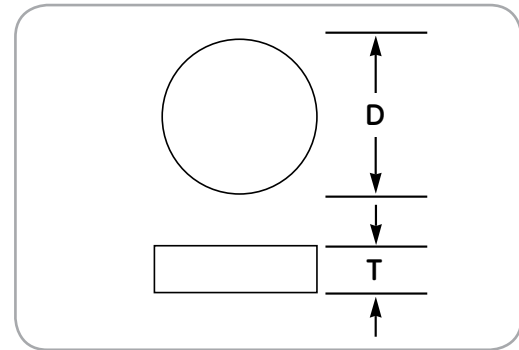
- Wide range of resistance-temperature characteristics
- High sensitivity to changes in temperature
- Suitable for probe mounting
- Self-heated operation
- Wide operating temperature range: -58°F to 311°F (-50°C to 155°C)
- Excellent stability
- Typical applications include automotive engine temperature gauge driving

Amphenol
Advanced Sensors

Type KU Specifications

Options

- Other resistance-temperature characteristics
- Custom design to match gauge characteristics
- “Washer” configuration with central hole



Dimensions

Part No.	Rref			Diameter D				Thickness T		
	R60	R85	R115	Tref	Nom	Tolerance	Nominal	Tolerance	Nominal	Tolerance
	Nominal Ω	Nominal Ω	Nominal Ω	°C	Ω	±%	mm	±mm	mm	±mm
K1	61	21.5	7	126	5.2	5.80	5.30	0.20	1.20	0.10
K2	366	119	37	126	25.6	4.25	2.50	0.12	0.94	1.04
KU28	233	102.7	44	121.1	37.7	5.00	4.89	0.32	1.65	0.64
KU29	61	29	14	132	9.6	4.20	4.88	0.32	1.53	0.51
KU34	47	23	11	115.6	10.7	6.50	4.88	0.32	1.51	0.50
KU41	114	38	13	122	9.9	8.70	4.88	0.32	1.66	0.65
KU44	367	118	34	113	37.1	5.00	4.85	0.35	1.75	0.75
KU46	157	65	26	100	40.8	8.00	4.88	0.35	1.75	0.75
KU50	250	79	24	110	28.7	3.80	4.95	0.45	1.75	0.75
KU57	70	24	8	100	13.5	5.50	6.53	0.25	1.93	1.29
KU60	550	117	107	100	144.0	3.50	6.10	0.20	1.20	0.30
KU61	116	52.3	23	126	16.5	7.90	4.88	0.32	1.75	0.75
KU62	185	84	30	85	84.0	3.00	5.00	0.30	1.75	0.40
KU64	96.5	45	20	100	29.5	5.00	5.70	0.29	1.35	0.27
KU66	197	82	32.6	85	81.8	8.20	5.00	0.30	1.75	0.40
KUS2503	535	230	101	100	150.0	8.00	5.00	0.30	1.50	0.50
KUS2581	181	56	17	100	30.0	10.00	6.00	0.20	1.25	0.20
KUS2695	396	120	34	115	34.4	4.70	5.00	0.30	1.30	0.20
KUS2985	185	84	30	100	50.2	4.76	5.00	0.50	1.75	0.75
KUS2910	666	281	115	132.2	72.7	1.60	4.89	0.32	1.48	0.13
KUS2912	613	259	106	132.2	67.0	1.60	4.89	0.32	1.48	0.13
KUS303	168	75	32	100	45.0	8.00	6.10	0.26	1.93	1.29
KUS304	199	89	38	100	53.3	9.00	6.10	0.26	1.93	1.29
KUS3081	565	239	97	100	150.0	5.00	4.89	0.32	1.48	0.13
KUS3337	550	117	107	96.5	160.0	5.00	5.05	0.55	1.50	0.50
KUS3891	158	70	30	100	45.0	4.00	5.50	0.30	1.10	0.30
KUS4047	557	231	93	100	144.0	5.00	5.50	0.50	1.15	0.40
KUS4104	661	279	114	110	131.2	4.00	4.60	0.30	1.60	0.25
KUS4161	679	287	117	128	82.7	2.00	4.89	0.32	1.53	0.38