

## Silizium-Temperatur-Sensoren

## Silicon Temperature Sensors

Typ Type	Basic resistance (25 °C) Ω	$I_{max}$ (25 °C) mA	Thermal time constant 0-63%		Operating temperature range °C	Bestellnummer Ordering code	Bild Fig.
			in still air s	in still oil s			
KTY 10 <sup>2)</sup>	2000 ± 80	5	40	4	- 50 ... + 150	Q62705-K107	29
KTY 10-5	1970 ± 20	5	40	4	- 50 ... + 150	Q62705-K110	
KTY 10-6	2000 ± 20	5	40	4	- 50 ... + 150	Q62705-K132	
KTY 10-6Z	2000 ± 10	5	40	4	- 50 ... + 150	Q62705-K71	
KTY 10-7	2030 ± 20	5	40	4	- 50 ... + 150	Q62705-K111	
KTY 11 <sup>2)</sup>	2000 ± 80	5	11	1.5	- 50 ... + 150	Q62705-K244	30
KTY 11-5	1970 ± 20	5	11	1.5	- 50 ... + 150	Q62705-K245	
KTY 11-6	2000 ± 20	5	11	1.5	- 50 ... + 150	Q62705-K246	
KTY 11-7	2030 ± 20	5	11	1.5	- 50 ... + 150	Q62705-K247	
KTY 13 <sup>1, 2)</sup>	2000 ± 80	5	7	1	- 50 ... + 150	Q62705-K248	31
KTY 13-5 <sup>1), 2)</sup>	1970 ± 20	5	7	1	- 50 ... + 150	Q62705-K249	
KTY 13-6 <sup>1)</sup>	2000 ± 20	5	7	1	- 50 ... + 150	Q62705-K250	
KTY 13-7 <sup>1)</sup>	2030 ± 20	5	7	1	- 50 ... + 150	Q62705-K251	
KTY 20 <sup>2)</sup>	1000 ± 40	7	40	4	- 50 ... + 150	Q62705-K253	26
KTY 20-5	985 ± 10	7	40	4	- 50 ... + 150	Q62705-K254	
KTY 20-6	1000 ± 10	7	40	4	- 50 ... + 150	Q62705-K255	
KTY 20-7	1015 ± 10	7	40	4	- 50 ... + 150	Q62705-K256	
KTY 21 <sup>2)</sup>	1000 ± 40	7	11	1.5	- 50 ... + 150	Q62705-K257	30
KTY 21-5	985 ± 10	7	11	1.5	- 50 ... + 150	Q62705-K258	
KTY 21-6	1000 ± 10	7	11	1.5	- 50 ... + 150	Q62705-K259	
KTY 21-7	1015 ± 10	7	11	1.5	- 50 ... + 150	Q62705-K260	
KTY 23 <sup>1, 2)</sup>	1000 ± 40	7	7	1	- 50 ... + 150	Q62705-K261	31
KTY 23-5 <sup>1)</sup>	985 ± 10	7	7	1	- 50 ... + 150	Q62705-K262	
KTY 23-6 <sup>1)</sup>	1000 ± 10	7	7	1	- 50 ... + 150	Q62705-K263	
KTY 23-7 <sup>1)</sup>	1015 ± 10	7	7	1	- 50 ... + 150	Q62705-K264	
KTY 16-6	2000 ± 20	5	15	3	- 50 ... + 150	Q62705-K128	32
KTY 19-6M	2000 ± 20	5	15	3	- 50 ... + 150	Q62705-K271	33
KTY 19-6Z	2000 ± 20	5	15	3	- 50 ... + 150	Q62705-K272	33

## Zubehör

Steckerset (wasserdicht) für KTY 19-6M und KTY 19-6Z  
Bestell-Nr.: Q62901-B80

<sup>1)</sup> Nur gegurtet lieferbar: SMT-Gehäuse

<sup>2)</sup> Pro Verpackungseinheit ist eine Toleranz von ± 1% gewährleistet.

## Accessories

Connector set (watertight) for KTY 19-6M and KTY 19-6Z  
Ordering code: Q62901-B80

<sup>1)</sup> Delivery only taped: Surface Mount Device

<sup>2)</sup> Each packaging unit contains parts grouped to ± 1% tolerance.

## Low-cost Temperatur-Sensoren

## Low-cost Temperature Sensors

Typ Type	Basic resistance (25 °C) kΩ	Tot. %	Thermal time constant 0-63%		Operating temperature range °C	Bestellnummer Ordering code	Bild Fig.
			in still air s	in still oil s			
KT 100 A	2	± 3	40	4	- 50 ... + 150	on request	29
KT 100 B	2	± 5	40	4	- 50 ... + 150	on request	
KT 200 A	1	± 3	40	4	- 50 ... + 150	on request	
KT 200 B	1	± 5	40	4	- 50 ... + 150	on request	

## Bewegungssensor

## Motion Sensor

Typ Type	Detecting range (m) <sup>3)</sup>	Supply current mA	Frequency (GHz)	Radiated power (mW) (EIRP)	Operating temperature °C	Bestellnummer Ordering code	Bild Fig.
SMX-1	5 (typ.) <sup>4)</sup>	25	9.35	0 (typ.) 2 (max.)	- 20 ... + 60	Q62702-R309	34

<sup>3)</sup> Detecting range depends on object size and material.

<sup>4)</sup> Typical detection range of a human body.