
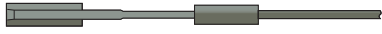







# Encapsulated Gages KHCX, KHCV, KHCR, KHCS, KHCM, and KHC

The specifications on this page are the typical values and may be changed on operating conditions.

Patterns, Gage Resistance, Gage Factor	Models	Dimensions (mm)		Remarks
		Gage length	Flange Length   Width	
<b>950°C (Static/dynamic)</b> <b>●KHCX Encapsulated Gage</b> Uniaxial, 2-element, temperature-compensation type 	Resistance: 120Ω. Gage factor (950°C): Approx. 1.5. Material: Inconel 600 (NCF 600)	Installation Method and Operating Temperature Range		Spot welding: -196 to 950°C
	The following models with the standard lead-wire cable code C2M are delivered with MI cable 2m long and soft cable 0.5m long pre-attached			
	KHCX-10-120-G13-11 C2MV	10	20	3
KHCX-10-120-G13-13 C2MV				
<b>800°C (Dynamic)</b> <b>●KHCV Encapsulated Gage</b> Uniaxial, 1-element active 	Resistance: 120Ω. Gage factor (800°C): Approx. 1.2. Material: Inconel 600 (NCF 600)	Installation Method and Operating Temperature Range		Spot welding: 25 to 800°C
	The following models with the standard lead-wire cable code C2M are delivered with MI cable 2m long and soft cable 0.5m long pre-attached			
	KHCV-5-120-G17 C2MV	5	10	3
<b>750°C (Static/dynamic)</b> <b>●KHCR Encapsulated Gage</b> Uniaxial, 2-element, temperature-compensation type 	Resistance: 120Ω. Gage factor (750°C): Approx. 1.2. Material: Inconel 600 (NCF 600)	Installation Method and Operating Temperature Range		Spot welding: 25 to 750°C
	The following models with the standard lead-wire cable code C2M are delivered with MI cable 2m long and soft cable 0.5m long pre-attached			
	KHCR-5-120-G16-11 C2MV	5	10	3
KHCR-5-120-G16-13 C2MV				
KHCR-5-120-G16-16 C2MV				
<b>750°C (Static/dynamic)</b> <b>●KHCS Series Encapsulated Gages for Static</b> Uniaxial, 2-element, temperature-compensation type 	Resistance: 120Ω. Gage factor (750°C): Approx. 1.8. Material: Inconel 600 (NCF 600)	Installation Method and Operating Temperature Range		Spot welding: -196 to 750°C
	The following models with the standard lead-wire cable code C2M are delivered with MI cable 2 m long and soft cable 0.5 m long pre-attached.			
	KHCS-10-120-G12-11 C2MV	10	20	3
KHCS-10-120-G12-13 C2MV				
KHCS-10-120-G12-16 C2MV				
<b>650°C (Static/dynamic)</b> <b>●KHCM Series Encapsulated Gages for Static</b> Uniaxial, 2-element, temperature-compensation type 	Resistance: 120Ω. Gage factor (650°C): Approx. 1.8 for gage length 10 mm, approx. 1.4 for gage length 5 mm. Material: Inconel 600 (NCF 600)	Installation Method and Operating Temperature Range		Spot welding: -196 to 650°C
	The following models with the standard lead-wire cable code C2M are delivered with MI cable 2 m long and soft cable 0.5 m long pre-attached.			
	KHCM-5-120-G15-(11, 13, 16) C2MV	5	10	3
KHCM-10-120-G15-(11, 13, 16) C2MV	10	20	3	Min. radius of curvature R20
<b>550°C (Dynamic) 500°C (Static)</b> <b>●KHC Encapsulated Gage</b> Uniaxial, 2-element, temperature-compensation type Resistance: 120 Ω Gage factor (500°C): Approx. 1.75 for gage length 20 mm Approx. 1.5 for gage length 10 mm Material: Inconel 600 (NCF 600) 	Installation Method and Operating Temperature Range		Spot welding: -196 to 550°C	
	The following models with the standard lead-wire cable code C2M are delivered with MI cable 2 m long and soft cable 0.5 m long pre-attached.			
	KHC-20-120-G8-(11, 13, 16) C2MV	20	30	4
KHC-10-120-G8-(11, 13, 16) C2MV	10	16.5	4	Min. radius of curvature R20
Uniaxial, 2-element, temperature-compensation type Resistance: 120 Ω Gage factor (500°C), approx. : 1.75 for gage length 20 mm, 1.5 for gage length 10 mm Material: SUS 321 	Installation Method and Operating Temperature Range		Spot welding: -196 to 550°C	
	The following models with the standard lead-wire cable code C2M are delivered with MI cable 2 m long and soft cable 0.5 m long pre-attached.			
	KHC-20-120-G9-(11, 13, 16) C2MV	20	30	5
KHC-10-120-G9-(11, 13, 16) C2MV	10	16.5	5	Min. radius of curvature R20

