## High-temperature Gages KFU & KH

Pattorne	Patterns, Models		Dime	ensions (m		
Gage Resistance Gage Factor			Grid	E	Base	Remarks
			Length Wie	dth Lengt		
●KEU Series High-temperature Foil Strain Gages (350°C)						
The base is made of highly heat-resistant polyimide and the gage element is						
	made of NiCr alloy foil, thereby letting the KFU series gage exhibit superior					
	characteristics over a wide temperature range.					
	Note) Please use KFU for a short period test.					
When ordering suffix the load wire	adhesive PI-32 (It changes depending on the condition.)					
cable code (See table at the right)	Applicable Adhesives and Operating Temperature Range after Curing PI-32 -196 to 350°C					
to the model number with a space	Types, lengths and codes of lead wire cables pre-attached to KFU gages					
in between.	Tunor	High/low-temp 3-w	ire cable	cable Glass-coated cable of 3 Ni-clad conner wires		
_	Longth			6 and D17		
E.g.			CI, D10,			
KFU-5-120-C1-11 H5IVI3	15 cm H15C3			B15C3		
3-wire cable 5 m long pre-attached	30 cm H30C3			B30C3		
KEU-5-120-C1-11 B5M3	1 m H1M3			B1M3		
for the gage with a glass-coated Ni-clad	3 m H3M3			B3M3		
3-wire copper cable 5 m long pre-attached	5 m	5 m H5M3		B5M3		
	Oprg. temp. range -196 to 350°C		2	Noi	to 280°C	
If no lead wire cable code is suffixed, the	Remarks L-17			Contact us		
gage is delivered with an Advanced	* For other lead wire cable lengths, contact us					
ribbon cable only (25 mm long).	These names are also available with 3500 name resistance with a slight difference in size from 1200 names					
Uniovial	KEIL5-120-C1-11					
Uniaxiai Resistance: 120.0	KFU-5-120	) C1 16		F 40	2.7	
Gage factor: Approx 1.85 (At 350 °C)	KFU 5 120-C1-18		_ 5 _ 2.	.5 10	3.7	
	KFU-3-120	)-C1-25				
	KFU-2-120-C1-11					
	KFU-2-120	J-C1-16	2 2	.5 6	3.7	
	KFU-2-120	)-C1-23				
Biaxial, 0°/90° stacked rosette						
Resistance: $120 \Omega$	These gages are also available with $350\Omega$ gage resistance, with a slight difference in size from $120\Omega$ gages					
Gage factor: Approx. 1.85 (At 350 °C )	KFU-5-120-D16-11					
	KFU-5-120-D16-16		5 1.	.4 (	⊅11	
	KFU-5-120-D16-23					
	KFU-2-120-D16-11					
90°	KFU-2-120-D16-16		2 1.	.2	φ8	
	KFU-2-120-D16-23					
Triaxial. 0°/90°/45° stacked rosette						
Resistance: 120 Q	These gages are	a also available with 3500 ga	ne resistance wit	h a clight diffe	ronco in size	from 1200 gages
Gage factor: Approx. 1.85 (At 350 °C )			ge resistance, wit	in a slight unit	51 ETTCE 111 312 C	nonn 12022 gages
	KFU-5-120-D17-11					
	KFU-5-120-D17-16		5 1.	.4 (	¢11	
45°	KFU-5-120-D17-23					
	KFU-2-120-D17-11		_			
45°	KFU-2-120-D17-16		_ 2 1.	.2	φ8	
	KFU-2-120-D17-23					
Dimensions (mm)						
Patterns,	Models		Grid	F	Base	Remarks
Gage Resistance, Gage Factor			Length Wig	dth Lenat	h Width	
•KH Series High-temperatu	ure Foil S	train Gages (3	50°C)			
When ordering, suffix the lead wire	The metal b	base enables easy mo	unting with a	a compact	spot wel	der.
cable code (See table at the right)	Installation Method and Operating Temperature Range Spot welding –50 to 350°C					
to the model number with a space	Time indicators (changes depending on usage conditions)					
	24 nours or less at 350 °C, 72 hours or less at 300 °C					
E.g.	- types, icnguis and codes of read wire cables pre-attached to KH gages					
KH-5-350-G4-11 D5M3 for the gage with a glass-coated cable	Types Glass-coated cable o			Ni-plated co	pper wires	
of 3-twisted Ni-plated copper wire 5 m	Length			54		
long pre-attached	15 cm D1			6C3		
Uniaxial	30 cm D30			C3		
Resistance: 350 Ω	1 m D1			/3		
Gage factor: Approx. 2.0 (At 350 °C )	3 m D3			ИЗ		
······································	5 m D5			ИЗ		
	Opro, temp, range					
If no coble code is suffixed the next in	Vprg. temp. range -50 to 350 °C					
delivered with an Advanced ribbon cable	KH-2 220	GA-11	ngens, con	lact us.		
only (25 mm long)	KH-5-350	G4-16	5	30	8	A min. qty 5 PC.
	KII-3-330-	For further in	formation please o	contact:		A
		1 EST IVIACE 0418 369 50	iines Mustralia )5			A min. qty 10 PC
		sales@testr	nachines.com.au			
		www.testma	chines.com.au			

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