

KG005 UVE GERİNİM ÖLÇME SİSTEMİ



VERİ KLAVUZU

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- 5 ayrı yapılandırılabilir giriş (elektriksel olarak yalıtılmış)
- 1kHz'e kadar bireysel örnekleme hızları kanal, aktif düşük geçiş filtresi
- Kanal başına 24 bit A / D dönüştürücü
- Kalibrasyon yazılımı.

General specifications		
Inputs	Number	5, electrically isolated from each other and from the supply voltage ¹⁾
Transducer technologies		Strain gauge full and half bridge
A/D converter		24 Bit Delta Sigma converter
Data rates (adjustable by software, default: HBM Classic)	S/s	Decimal: 0,1 . . . 1,000
Transducer connection		D - SUB - 15HD
Supply voltage (AC)	V	220 VAC 50/60 Hz
Power consumption without adjustable transducer excitation with adjustable transducer excitation	W W	< 7 < 10
Transducer Excitation voltage	V	5VDC for each channel
Ethernet (data link)	- - -	10Base - T / 100Base - TX TCP/IP (direct IP address or DHCP) 8P8C plug (RJ - 45) with twisted pair cable, Streaming (CAT - 5)
Nominal temperature range	°C	-0 ... +55
Storage temperature range	°C	-25 ... +75
Rel. humidity	%	5 ... 95
Dimensions, horizontal (W x H x D)	mm	374 x 190 x 150
Weight, approx.		5.5

Strain gauge full bridge, 5 or 10 mV/V measuring range, bridge excitation AC / carrier frequency		
Accuracy class		0.05
Carrier frequency (sine)	Hz	1,000 1
Transducers that can be connected		strain gage full bridges
Permissible cable length between UVE KG005 and transducer.	m	50
Measuring ranges at 2.5 V excitation at 1 V excitation	mV/V mV/V	5 10
Signal bandwidth (-3 dB)	Hz	0 ... 1,600
Linearity error	%	< 0.02 of full
Zero drift (5 V excitation)	%	0,1 of full scale
Full-scale drift (5 V excitation)	%	< 0.1 of measurement value

Strain gauge half bridge, 5 or 10 mV/V measuring range, bridge excitation AC / carrier frequency		
Accuracy class		0.1
Carrier frequency (sine)	Hz	1000 1
Transducers that can be connected		strain gage half bridges
Permissible cable length between UVE KG005 and transducer	m	100
Linearity error	%	< 0.02 of full scale
Zero drift (5 V excitation)	%	0.1 of full scale
Full-scale drift (5 V excitation)	%	< 0.1 of measurement value