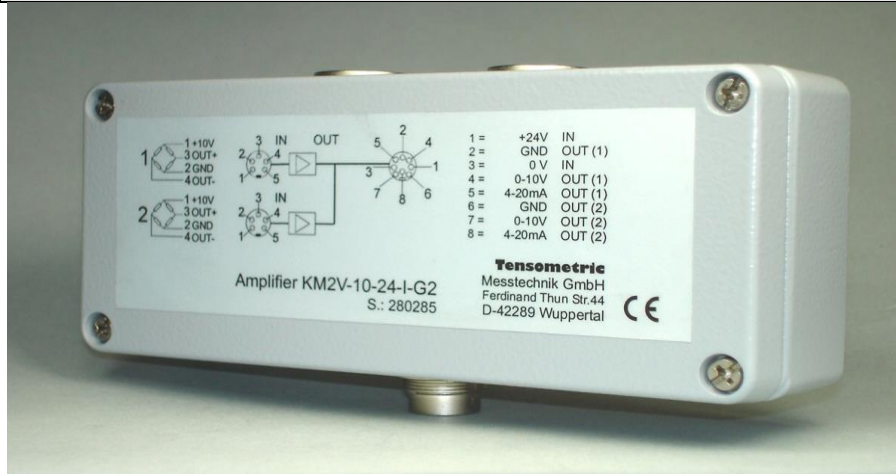


Amplifier 2 KMV-10



The 2 KMV-10 is an amplifier to connect 2 **Tensometric** strain-gage sensors series X11xx

Mounted in the machine, preferable near to the sensor, the 2 KMV - 10 transforms the low output tension of the strain-gage-system into a standard tension for a more distant utilization.

Removal the lid, permit the access to the potentiometer for adjusting the zero and the calibration for each sensor.

The connection is realized by means of the delivered plugs.

The amplifier 2 KMV-10 is available for service voltages of + -15V, 24 V , 12 V or 5 V . Therewith it is compatible to most of the existing sources of tension.

To feed the strain-gage-system a high constant power supply is built-in.

Technical data :

Input	2 plugs	5pol.		
Output	1 plug	5pol. (8pol)		
Bridge exitation	10 V	max. 30 mA		
Resistant Input	4 GΩ			
Output-tension	0 - 10 V	max. 2 mA		
		Option: 4 up to 20 mA		
Zero adjusting-range	± 20 %			
Amplification	560 - 1250 fach			
Service voltage (DC) :	± 15 V ± 5%	<+ 90 mA	-10 mA	Typ. 2 KMV-10
Current	Option:			
	5 V ± 10%	< 180 mA		Typ. 2 KMV-10- 5
	12 V ± 10%	< 120 mA		Typ. 2 KMV-10-12
	24 V ± 10%	< 60 mA		Typ. 2 KMV-10-24
Limit.Frequency	300 Hz			
Error in measurement	< 0,1 %			
Housing	Aluminium AISi12			
	Impact strength	DIN 500:7,0 Nm		
	color :	similar RAL 7001 grey		
	Dimensions :	L = 125 mm, W = 80 mm, H = 60 mm		
Protected DIN 40050	IP 30			
Accessories :	2 plugs for input +. 1 plug for output			

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