

Charge amplifier cassette LVCpro



Application

With the charge amplifier cassette LVCpro, you can measure and display the press capacity (tonnage) for 2 channels. The required piezo electric sensors (tonnage sensors) are available in different types of construction.

Features

- easy to install and wire
- 24VDC distribution voltage
- 2 measuring channels
- Peak value memory
- Filter that can be connect to suppress interferences

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Charge amplifier cassette LVCpro

Technical Data / Configuration

Voltage supply:	10... 32VDC (norm 24VDC)
Max. range:	90mA
Amplifier input resistance:	10 ¹⁵ Ohm
Amplifier output resistance:	50 Ohm
Measuring window / cam input:	18-32 VDC / aktiv high = 1
Analog output:	-10V bis +10V
Output channel:	2
Operating temperature:	-20 °C... +60 °C
Dimensions (WxHxD):	35 x 110 x 112

Upper plug



Plug	PIN	Function
Power	24V	24VDC
	0V	0VDC
	NC	not connected
CAM 1+2	C1	Cam 1 / Channel 1
	C2	Cam 2 / Channel 2
	0V	0VDC
Piezo Sensor 2	IN2	Input signal sensor 2
	GND	Analog-Ground
	CASE	Shield
Piezo Sensor 1	IN1	Input signal sensor 1
	GND	Analog-Ground
	CASE	Shield

Lower plug



Plug	PIN	Function
PeakOut 1	OUT1	Peak value out 1
	GND	Analog-Ground
	CASE	Shield
PeakOut 2	OUT2	Peak value out 2
	GND	Analog-Ground
	CASE	Shield
AnalogOut1	OUT1	Output 1 / -10 bis +10V
	GND	Analog-Ground
	CASE	Shield
AnalogOut2	OUT2	Output 2 / -10 bis +10V
	GND	Analog-Ground
	CASE	Shield

Order Data

Order-No.	Short-Term	Description
104041020000	LVCpro 02	Charge amplifier cassette 2-channel
500101010000	JZT 127 / S	Tonnage sensor (press frame mounting) 6m cable*
500101060000	JZT 127 / P	Tonnage sensor (press ram mounting) 6m cable*
64200120	MIL-C-17F-RG 058 CU	Coax cable (sold by the metre)

* by request further cable-length available

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