

Connection for 1 - 8 load cells

Programmable ranges

Programmable output

Programmable conversion speed

Communication option: RS485 or CAN

Supply 24 VAC / DC

Made in accordance with the CE and EMC regulations



TL721

The C-mac converter, type TL721 is used in industrial instrumentation where you want to monitor a weight or mechanical load.

It is supplied with differential input for 1 to 8 load cells, and by means of internal dip-switches or optional RS485 / CAN input, you can program all the transmitter parameters.

The TL722 is identical to TL721, but in addition it is supplied with a 4-digit display, with programmable indications, independent of the analogue adjustments.

Please see the programming manual for details.

Technical data:

Supply voltage: 19-25 VAC / 19-35 VDC
The power supply is not galvanically isolated from the electronics.

Supply current: max. 40 - 100 mA @ output 20 mA and 1 - 6 load cells

Operation temp.: -20°C to +60°C

Humidity: 0 - 90% RH, non condensing

Temp. coefficient: < 0,01% / °C

Linearity: typ. 0.1% FS

Transducer supply: 4 VDC

Metering range: 0.25 - 30 mV / V exc., factory adjusted to 2 mV/V

Reaction delay: 65 msec. to 4 sec.

Metering output: Programmable 0...20 / 4...20 mA / 0...10 V

Cable fault, sensor: Output programmable to 3.5 or 21 mA

Digital input: NPN input, programmable function.

Mech. dimensions: 130 x 80 x 35 mm

Protection: IP67

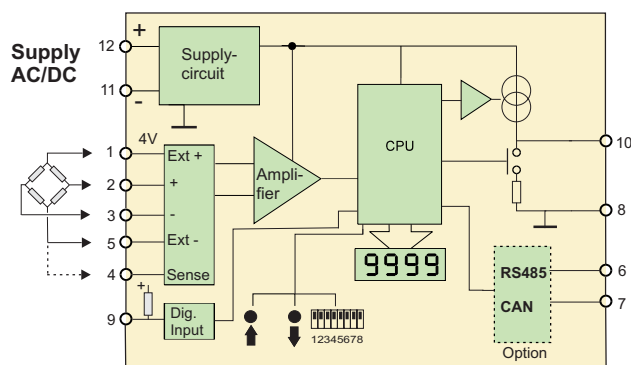
Material: ABS

Weight: 175 g



TL722

Block diagram: (TL722)



Ordering guide:

TL721-a-b TL722-a-b

a = output

1: 0/4...20 mA / 0...10 V

b = serial option

0: none

1: RS485

2: CAN