

## LCIS PASSIVE SIGNAL CONVERTERS 4-20MA/4-20MA

LCIS

750528.0000

LCIS-P1K Passive converter, 4-20ma/4-20mA, Screw

- 6,2mm wide
- No need for external power source
- 1500V Isolation
- Open output circuit protection
- Screw or push-in termination



### PRODUCT DESCRIPTION

Passive signal converters for galvanic isolation of mA signals. Converter requires no external power supply as it receives power via the input signal. Very high amplifier accuracy 0,1% enables the use in low-voltage applications. 1,5kV isolation voltage guarantees a reliable interface between input and output circuits. Green LED light for state indication.

These converters will stay operational despite the output circuit being open. The open-ness of the output circuit has no effect on the input circuit.

### TECHNICAL DATA

<b>Accuracy</b>	0.1 % FSR
<b>Connection type</b>	Screw
<b>Cross section max</b>	2.5 mm <sup>2</sup>
<b>Cross section min</b>	0.25 mm <sup>2</sup>
<b>Depth</b>	71 mm
<b>Galvanic isolation</b>	2-way
<b>Height</b>	93 mm
<b>Impact of load resistance</b>	<0,06 % per 100 Ω
<b>Input</b>	4-20 mA
<b>Input/Output protection</b>	Suppressor Diode (33V)
<b>Insulation</b>	1.5 kV
<b>Insulation voltage in/out</b>	1500 V
<b>IP class</b>	IP20
<b>Load impedance</b>	1000 Ω

<b>Mounting</b>	DIN-Rail
<b>Output</b>	4-20 mA
<b>Reaction time</b>	6 ms
<b>Rise time (10 - 90%)</b>	6 ms
<b>Status indication</b>	Green LED
<b>Storage temperature max</b>	80 °C
<b>Storage temperature min</b>	-40 °C
<b>Temperature operational max</b>	60 °C
<b>Temperature operational min</b>	-25 °C
<b>Weight</b>	40 g
<b>Width</b>	6.2 mm

