

## 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

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

Load impedance	1000 $\Omega$
Mounting	DIN-Rail
Output	4-20 mA
Reaction time	6 ms
Rise time (10 - 90%)	6 ms
Status indication	Green LED
Storage temperature max	80 °C
Storage temperature min	-40 °C
Temperature operational max	60 °C
Temperature operational min	-25 °C
Weight	40 g
Width	6.2 mm

