

LCIS PASSIVE SIGNAL CONVERTERS 4-20mA/4-20mA

LCIS

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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 ²
Cross section min	0,25 mm ²
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 Ω
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 $^{\circ}\text{C}$
Storage temperature min	-40 $^{\circ}\text{C}$
Temperature operational max	60 $^{\circ}\text{C}$
Temperature operational min	-25 $^{\circ}\text{C}$
Weight	40 g
Width	6,2 mm

