

LCIS analog/analog converter, passive

**KOS 528**



<b>Identification</b>	Type Code	LCIS-P1K-1528-62-PI KOS 528
<b>Description</b>	Input: 4–20 mA Output: 4–20 mA Insulation: 1.5 kV, 2-way isolation, passive converter	
<b>Input</b>		
Input signal	4–20 mA	
Input variable	Single analogue signal	
Galvanic isolation I/O	2-way isolation	
Input overload capability	max. 35 mA	
<b>Output</b>		
Output signal	4–20 mA	
Max. load impedance at I-output	1000 Ω (R <sub>B</sub> )	
Residual ripple	<5 mV <sub>eff</sub> (load impedance 100 Ω)	
<b>Operating data</b>		
Accuracy	0.1 % FSR @ 23 °C	
Build-up time (Accuracy 1%)	6 ms (for working resistance 500 Ω and 20 mA)	



## Technical data sheet • Interface Technology

### General

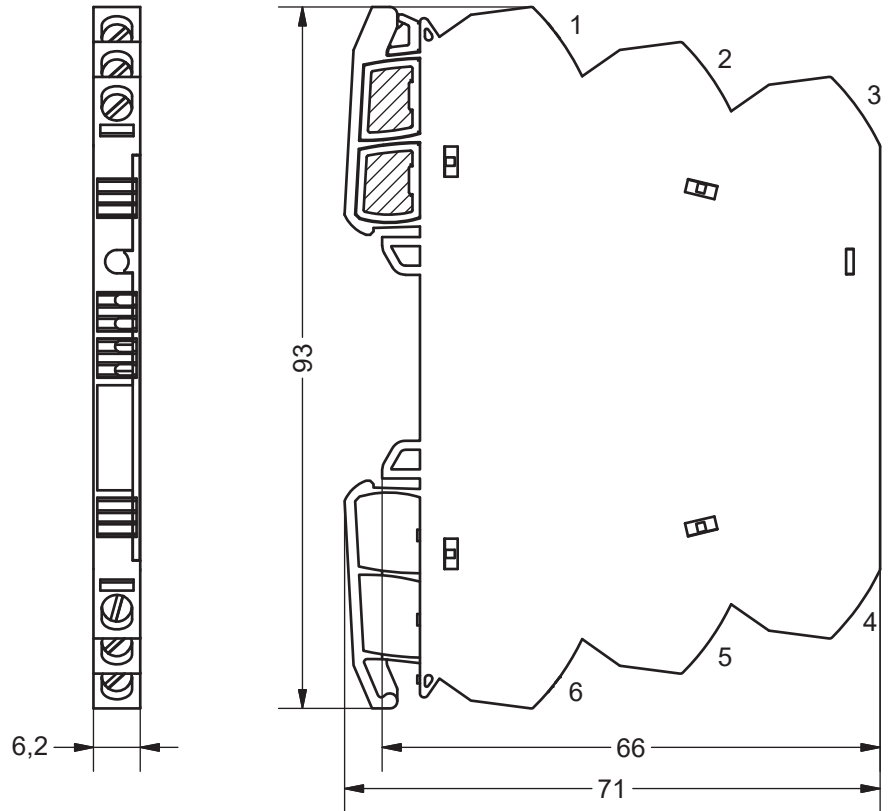
Rated voltage	passive
Status indication	LED green
Input/output protection	Suppressor diode (33 V)
Burden error	<0.06 % from measured value / 100 $\Omega$ working resistance
Temperature drift /K	<150 ppm / K FSR
Temperature drift (working resistance >600R)	<100 ppm / K FSR
Temperature drift (working resistance >600R)	<150 ppm / K FSR
Insulation voltage input / output	1.5 kV <sub>eff</sub>
Housing material	PA 6.6 (UL 94 V-0, NFF I2, F2)
Color of the housing	RAL 7012 basalt grey
Mounting	DIN rail mountable TS35 (EN 60715)
Protection class	IP20
Installation position	any
Connection device	Push-In single wire 0.25 mm <sup>2</sup> –2.5 mm <sup>2</sup> / AWG 20–14 fine stranded wire with ferrule 0.25 mm <sup>2</sup> –1.5 mm <sup>2</sup> / AWG 20–16
Operation temperature range	-25 °C ... +60 °C
Storage temperature range	-40 °C ... +80 °C
Dimensions (w × h × d)	6.2 × 93.0 × 71.0 mm
Weight	0.040 kg/piece
PU	1 piece
Approvals	cULus (E135145) DNV GL
Standards	EN 60947-5-1

### Comments

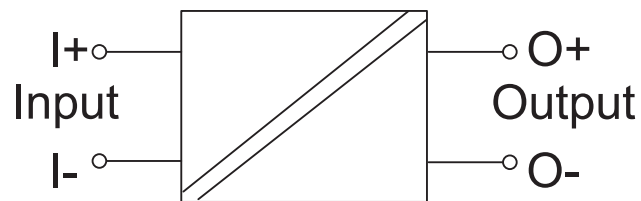
With connection: This passive isolator has a non-reactive transmission, so that the current in the input circuit is not interrupted for an output interruption.



Dimensions



PIN assignment



## Action chart

