



Converter

for potentiometer 1–6k Ω / output 0–10V,0–20mA,4–20mA

Series	CON
Code	XCONPA557P
Type	CON-PA-557P
INPUT TECHNICAL DATA	
HS code	85043129
Signal type IN	potentiometers
Input range IN	0...1 k Ω / 0...6 k Ω
Input impedance IN	1 M Ω
Parametrization IN	DIP switch
OUTPUT TECHNICAL DATA	
Signal type OUT	analogue
Output range OUT	0...10 V / 0...20 mA / 4...20 mA
Maximum output signal OUT	16 V (current output) / 5 mA (voltage output)
Load impedance OUT	>2 k Ω (voltage output) / < 700 Ω (current output)
Ripple	<20 mV
Status indication	LED
Parametrization OUT	DIP switch
GENERAL TECHNICAL DATA	
Power supply voltage	24 Vac/dc (19.2...26.4 Vdc / 19.2...26.4 Vac)
Current consumption	13 mA (24 Vdc) / 22 mA (24 Vac)
Accuracy	0.3% FSR (23°C)
Linearity error	\pm 0.1% FSR
Temperature coefficient	<150 ppm / K FSR
Transmission frequency	10 Hz 3dB
Operating temperature range	-25...+60°C
Insulation	2.5 kVac / 60 s
Insulation type	3-way (IN / OUT / power)
Standard approvals	EN 60947-5-1
Overvoltage category / pollution degree	II / 2
Protection degree	IP 20
Connection terminal IN / OUT	2.5 mm ² / 2.5 mm ² (push-in)
Housing material	UL94V-0 plastic material
Dimensions (LxHxD)	6.2x9.3x7.3 mm
Approximate weight	29 g
Mounting information	on a rail, side by side
ACCESSORIES	
Mounting rail (IEC60715/TH35-7.5)	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
APPROVALS AND MARKINGS	
	CE,



* Input: 0...1k Ω / 0...6k Ω potentiometers * Output: 3 selectable ranges* Insulation: 2.5 kVac, 3-way isolation
1 (1) Input and output signal range, can be customised using FDT/DTM software and LCONZUSB interface

PRODUCT DESCRIPTION

CON-PA-557P Converter for potentiometer 1–6k Ω / output 0–10V,0–20mA,4–20mA