



Signal converters

new



603 100



603 300

new



603 400



604 000

Compact (6.2mm wide) DIN rail mountable converters for precise conversion of signals generated by field sensors and transmitters to standard 4-20mA current signals providing two way isolation. The converted output interfaces to PLCs, RTUs, analogue displays or recorders.

- dip switch configurable input ranges
- 2 way, 1500V RMS isolation
- high precision conversion
- wide supply voltage range 9...30VDC (603 300 II..30VDC)
- wide operating temperature range -20°C...+65°C
- housing width of only 6.2mm
- overvoltage and reverse polarity protection

type	input	range	output	description	price
Signal converter (loop powered isolating amplifier)					
<ul style="list-style-type: none"> • configurable input - 0-20mA, 4-20mA, 0-10V, 2-10V, 0-5V, 1-5V, 0-1V, 0.2-1V configurable via easily accessible DIP switches • maximum input signal 30VDC or 50mA DC • maximum output signal 21mA 					
603 100	configurable	-	4-20mA DC	signal converter	
603 300	configurable	-	configurable*	signal converter	
* configurable output 0-5V,0-10V,0-20mA,4-20mA					
Temperature transducers					
PT100 (2 or 3 wire connection) converters					
603 700	Pt100	-200°C...+800°C	4-20mA DC	temperature transducer	
603 800	Pt100	-200°C...+800°C	configurable*	temperature transducer	
* configurable output 0-5V,0-10V,0-20mA,4-20mA					
Thermocouple converters					
603 400	type J,K,E,R	-200°C...+1750°C	4-20mA DC	temperature transducer	
603 500	type J,K,E,R	-200°C...+1750°C	configurable*	temperature transducer	
* configurable output 0-5V,0-10V,0-20mA,4-20mA					
<p>J: -200°C...+1200°C configurable K: -200°C...+1250°C configurable E: -200°C...+1000°C configurable R: - 50°C...+1750°C configurable</p>					
Frequency converter (tachometer)					
<ul style="list-style-type: none"> • Selectable input: 1) Namur sensor 2) dry contact • Selectable range: Hi : 0...20kHz Lo : 0...40kHz 					
603 900	selectable	selectable	4-20mA DC	frequency converter	
604 000	selectable	selectable	configurable*	frequency converter	
* configurable input and output (3 port isolation) 0-5V,0-10V,0-20mA,4-20mA					