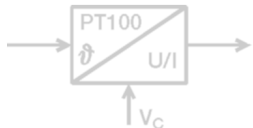
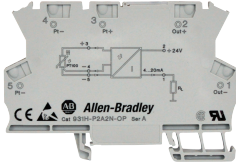
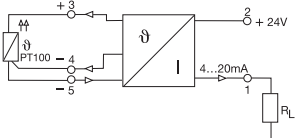


Bulletin 931  
**Signal Conditioners**  
 RTD Signal Conditioners

**Passive Converter, PT100/RTD**

- For two or three conductor PT100 sensors
- Loop-fed output current
- High accuracy and linearity

**931H-P2A2N-OP**

		
Specifications	<b>Passive Converter, PT100/RTD</b>	
Wiring Diagram		
Standards Compliance	UL 508, CSA C22.2 No. 142-M1987, CSA C22.2 No. 0-10, CSA C22.2 No. 14-10, EN 50178:1997, EN 61000-6-1:2007, EN 61000-6-2: 2005, EN 61000-6-3:2007, EN 61000-6-4:2007	
Certifications	cURus (NRAQ2/8.E113724), CSA, CE	
<b>Input Ratings</b>		
Sensor	PT100/2-/3-conductor (to IEC 751)	
Temperature Input Range	0 °C...+200 °C	
Input	Passive	
<b>Output Ratings</b>		
Current	4...20 mA	
Load Impedance (voltage/current)	— / ≤ 600 Ω	
Accuracy	typical 0.2%, max. 0.5% of FSR	
Step Response Time	10 ms	
Output	Passive	
<b>General Specifications</b>		
Supply Voltage	9...30V DC	
Power Type	Output Loop Powered	
Operating Temperature	0 °C...+50 °C	
Storage Temperature	-20 °C...+85 °C	
Connection Type	Tension Clamp	
L x W x H (mm)	91 x 6 x 93.2	
Signal Conditioner	Cat. No.	Pkg. Quantity
	<b>931H-P2A2N-OP</b>	1
End Barrier (required)	<b>931H-EB1</b>	10