
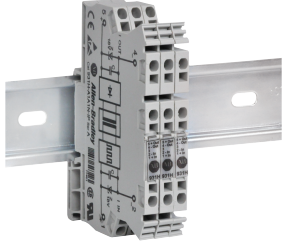
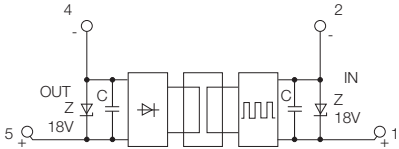


Passive Isolator, 1 Channel

- Passive isolator for electrical isolation of standard 0...20 mA or 4...20 mA signals
- No need for auxiliary power supply
- Low power consumption

931H-A1A1N-IP

		
Specifications	Passive Isolator, 1-Channel	
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	
Input Ratings		
Current	0(4)...20 mA	
Max Voltage	15V	
Max Current	50 mA	
Pick-up Current	< 100 μ A	
Voltage Drop	2.5...3 V at 20 mA	
Input	Passive	
Output Ratings		
Current	0(4)...20 mA	
Voltage	—	
Load Impedance (voltage/current)	— / $\leq 500 \Omega$	
Step Response Time	approx. 1.2 ms	
Accuracy	< 0.1% of final value	
Temperature Coefficient	≤ 50 ppm/K of measurement value at 0 Ω load resistance	
Residual Ripple	< 10 mV	
Cut-off Frequency	approx. 200 kHz	
Output	Active	
General Specifications		
Power Type	Input Loop Powered	
Operating Temperature	-25 °C...+60 °C	
Storage Temperature	-40 °C...+85 °C	
Isolation Voltage Input - Output	500V _{eff}	
Rated Isolation Voltage	50V	
Connection Type	Tension clamp	
L x W x H (mm)	91 x 6 x 63.2	
Signal Conditioner	Cat. No.	Pkg. Quantity
	931H-A1A1N-IP	1
End Barrier (required)	931H-EB1	10