



# CLW Series

## 4-20mA Current Loop Surge Protection

Stainless Steel Conduit Housing



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The CLW Series devices provide superior surge protection for Current Loop process instrument, data transmission, control, and signal line circuits.

The CLW Line has a multitude of model options to provide protection for 1 Pair or 2 wire signal lines. Connections are made using the 18 AWG Stranded (Tinned) wires.

The CLW is housed in Stainless Steel conduit with options for feed through or capped (all wires out one end) options for ease of installation and application flexibility.

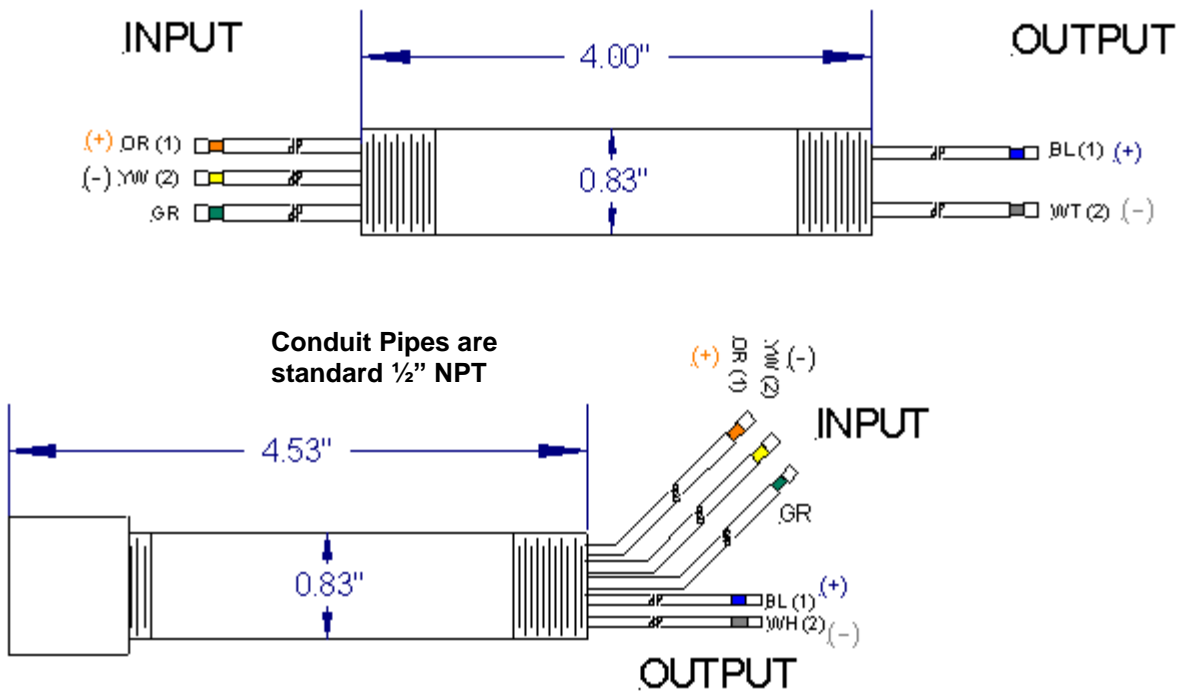
### Superior Features:

- **Multi-Stage Series Wired Surge Protection Device for protection of current loop and data/signal type circuits.**
- **Robust 10 kA Peak Surge Current Capacity (Per Wire/Per Pair).**
- **25 Years Unlimited Free Replacement Warranty.**
- **Stainless Steel (Type 304) 1/2" NPT Threaded Conduit Housing.**
- **Standard 18 AWG Stranded (Tinned) Copper Wire Connections.**
- **Dedicated Component All Mode Protection. L-L (Normal Mode) and each L-G (Common Mode).**

CLW Product Model Number Configurator					
Model Family Designator	Nominal Operating Voltages	Maximum Data/Signal Rates	Number of Wire Protected	Conduit Configuration	Revision Code (Standard)
CLW	##	A	2	DIN	- B
Standard Model Designator	5 = 5V	A = 2 Mbps	2 = 2 Wires/1 Pair	P = Wires In and Out Opposite Ends of the Conduit	"-B" Standard for Product Revision Code
	12 = 12V				
	24 = 24V			PC = Wires In and Out Same End of Conduit	
	48 = 48V				
	140 = 140V				
Other Voltages Available Upon Request					
<b>Sample Model Number: CLW24A2PC-B is a CLW Series Product, 24V, Up to 2 Mbps, 2 Conductor, Capped Conduit, Rev B Designator.</b>					

Table of Maximum Suggested Operating Limits, Data Rate & Additional Device Resistance				
Nominal System Operating Voltage (Vnom)	CLP##x#DIN(S)-B	Maximum Continuous Operating Voltage (MCOV) - (L-L & L-G)	Maximum Continuous Operating Current (MCOC)	Maximum Digital/Analog Data Rates & Additional Series Resistance
				A = 2 Mbps
0 > Vnom < 6	CLW5A2X-B	7.5 Vpk	500 mA	5 Ohms per Line (10 Ohms per Pair/Loop)
6 > Vnom < 15	CLW12A2X-B	24 Vpk		
15 > Vnom < 33	CLW24A2X-B	33 Vpk		
33 > Vnom < 53	CLW48A2X-B	56 Vpk		
53 > Vnom < 140	CLW140A2X-B	140 Vpk		

**Notes: The "X" designates the Conduit Configuration (P = Wires In and Out Opposite Ends, PC = Wires In and Out Same End with Conduit Capped on one end.**



**Product Weight = Less than 2 lbs.**