

871L AC/DC & 872L AC  
Mini Quick-Disconnect Style871L AC/DC & 872L AC  
Micro Quick-Disconnect Style871L AC/DC & 872L AC  
Conduit Style

## Specifications

	871L Models	872L Models
Load Current	≤400 mA	≤500 mA
Minimum Load Current	2 mA	2 mA
Inrush Current (1 cycle)	≤8 A	≤8 A
Leakage Current	≤2 mA	≤2 mA
Operating Voltage	20...250V AC/DC	20-250V AC
Voltage Drop	≤5V	≤5V
Repeatability	≤5%	≤5%
Hysteresis	≤20%	≤20%
False Pulse Protection	Incorporated	Incorporated
Transient Noise Protection	Incorporated	Incorporated
Certifications	cULus and CE Marked for all applicable directives	
Enclosure	NEMA 3, 4, 6, 12, 13, IP65 (IEC 529) Polyloy	
Connections	Quick Disconnect: 3-pin mini style 3-pin micro style Conduit Opening: 1/2-14 NPT internal thread with screw terminals	
LEDs	Green: Power (Blinks in SCP/Overload) Orange: Output Energized	
Operating Temperature [C (F)]	-25...+70° (-13...+158°)	
Shock	30 g, 11 ms	
Vibration	55 Hz, 1 mm amplitude, 3 planes	

## Correction Factors

Target Material	Correction Factor
Steel	1.0
Stainless Steel	0.7...0.8
Brass	0.4...0.5
Aluminum	0.3...0.4
Copper	0.2...0.3

## Features

- 2-wire operation
- 2-terminal or 3-pin connection
- 20...250V AC/DC on 871L models
- 20...250V AC on 872L models
- Switch selectable normally open or normally closed output on 871L models
- Normally open or normally closed output programmable via jumper on 872L models
- False pulse, transient noise, and overload protection
- cULus and CE Marked for all applicable directives