



SIGNAL CONVERTOR / ISOLATOR



NVM 4110 / 4120

SALIENT FEATURE

- 24 V AC / DC Operation
- 3 Port Isolation
- Current / Voltage input
- Dual current / Voltage output
- DIN RAIL Mounting
- Polycarbonate Enclosure
- Transmitter Power Supply (24 V DC @ 30mA) Isolated (Optional)
- Compact & Sturdy

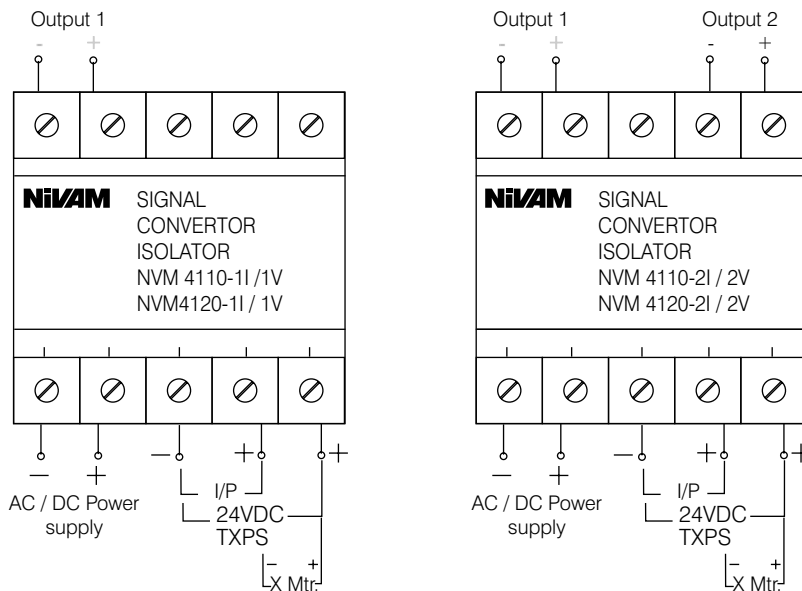


TECHNICAL SPECIFICATIONS

Model No.	4110 - 1I	4110 - 2I	4110 - 1V	4110 - 2V
Output	4 - 20 mA DC	2 No's 4-20 mADC	0 to 10 V DC	2 No's
	600 max. load, Isolated	at 600 max Load Isolated		0 to 10 V DC
Input	4 - 20 mA DC			
Input Impedance	62.5 Ohm			
Calibration Accuracy	> ± 0.25% of Full Span			
Isolation	1000 V AC min. between Input , Output & Supply			
Isolation Resistance	> 100M at 500DC			
Linearity	± 0.25% of Full Span			
Temp. Drift	± 0.02 % Per Deg C			
Operating Temp	5-50 Deg C			
Humidity	0 - 90% Rh. max. Non - condensing			
Power Supply	24 VDC@150 mA / 24 V AC			
Mounting	Din rail "C" type EN 50022 35 X 7.5 mm			
Size	70 X 45 X 120 (H X W X D) in mm			
Enclosure	Molded Box in Engineering Plastic Polycarbonate material			

TECHNICAL SPECIFICATIONS

Model No.	4120 - 1I	4120 - 2I	4120 - 1V	4120 - 2V
Output	4 - 20 mA DC at 600 max. load Isolated	2 No.4 - 20 mA DC at 600 max load Isolated	0 -10 VDC	2 No 0 -10 V DC
Input	0 - 5 V DC / 1 - 5 V DC / 0 -10 V DC / 2 - 10 V DC			
Input Impedance	>100 K			
Calibration Accuracy	± 0.25% of Full Span			
Isolation	1000 V AC min. between Input & Output & supply			
Isolation Resistance	>100 M at 500 VDC			
Linearity	± 0.25% of Full Span			
Temp. Drift	± 0.02 % Per Deg C			
Operating Temp	5- 50 Deg C			
Humidity	0 - 90% Rh. max. Non - condensing			
Power Supply	24 V DC @150 mA / 24 V AC			
Mounting	Din rail "C" type EN 50022 35 X 7.5 mm			
Size	70 X 45 X 120 (H X W X D) in mm			
Enclosure	Molded Box in Engineering Plastic Polycarbonate material			



Specifications mentioned in this datasheet are subject to change without prior notice due to continuous up-gradation of products.

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