

Current Transducer

TA Series



TA-112
Current Transducer

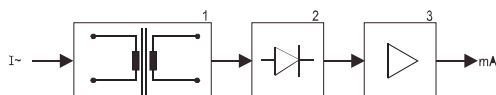
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General

Transducers convert electrical signals to analog signals. They are used in control and automation systems.

TA-111, TA-112 current transducers are self-powered. Supply voltage is not applied. Output current is 0-20 mA. They are designed to be low cost models.

The transformer, which is used in the input circuits of TA-111 and TA-112, provides galvanic isolation between the input and output signals.



Electrical Measurement

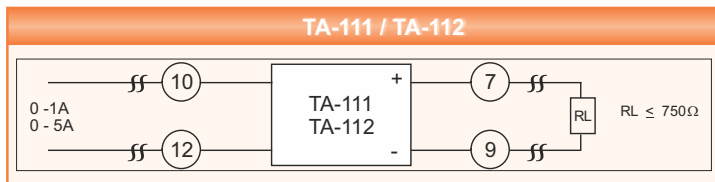
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PRODUCT SELECTION TABLE			Pcs / Carton
Product Code			
TA-111	Input : 0-1A AC, Output : 0-20mA DC	Current Transducer	16
TA-112	Input : 0-5A AC, Output : 0-20mA DC	Current Transducer	16

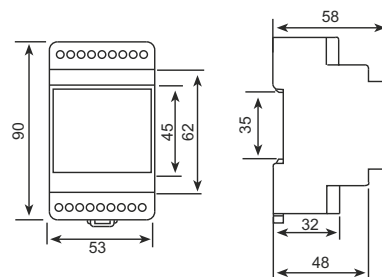
SPECIFICATIONS

	TA-111	TA-112
ENCLOSURE		
Dimension	DIN III Type PK 20	
Class of Protection	Double Insulation IP40 front panel	
Weight	0,3 kg / carton pcs: 16 pcs	
MEASUREMENT		
Input current	0-1A AC	0-5A AC
Over Load Capacity	1,5xIn (continuous) 20xIn(1s)In=1AAC	1,5xIn (continuous) 20xIn(1s)In=5AAC
Power Consumption	<3VA	
Output Signal	0-20mA DC	
Linear Output Range	(0,05...1,1)xIn	
Load	0-750 ohm	
Transmission Error	<0,5% (Full scale)	
Response Time	<300 ms	
Frequency	50 Hz	
AMBIENT CONDITIONS		
Operating Temperature	-5 / +50°C	
Humidity	<75%	
CONNECTIONS		
Mounting	Rail Mounting	
Connection Terminals	With Screw	

Connection Diagram



Dimension



TYPE PK 20