

SHICO. FREQUENCY SCALER

MODEL : SFSL Series

The Frequency scaler model SFSL converts pulse rate typically from turbine meters and positive displacements flow-meters into convenient engineering units for display on a totalizing counter or meter.

* Scaling factor 10 to 10^{-4} times.

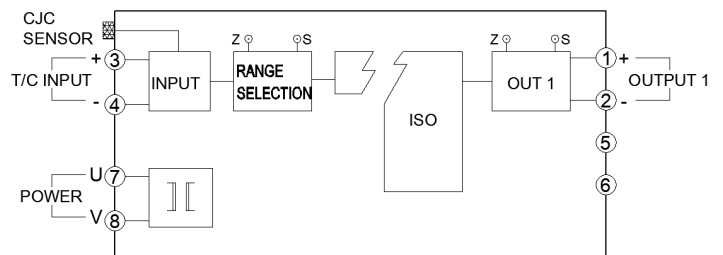


■ SPECIFICATION

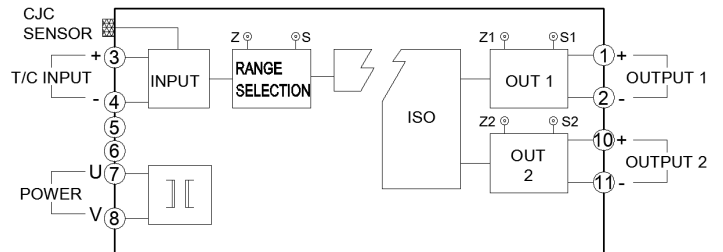
ITEM	SPECIFICATIONS
Input	On-Off pulse : Dry contact Voltage pulse : 25mV p-p to 50V p-p
Output	Voltage Pulse , Dry contact, Open collector.
Duty ADJ	20~80%
Insulation Resistance	Greater than 100MΩ (DC500V)
Dielectric Strength	Input-Power AC1000V Input-Output AC1000V (1 min) Input-GND AC1000V
Ambient Temperature	-5~+60℃
Humidity	Less than 90% RH

■ BLOCK DIAGRAM & CONNECTIONS

• Single Loop



• Double Loop

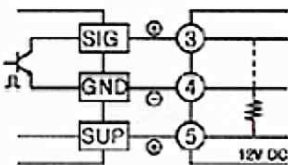


■ INPUT SIGNAL SPECIFICATIONS

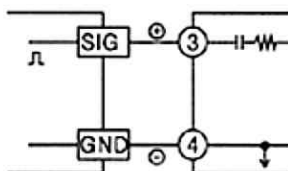
- Frequency range : 0~5KHz
- Duty ratio : 20~80%
- Sensing : 12VDC, 3mA

■ INPUT CONNECTION EXAMPLES

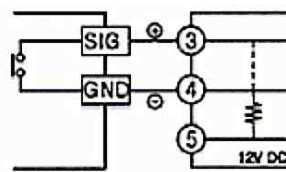
1. Open collector



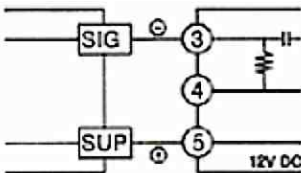
2. Voltage pulse



3. Dry contact

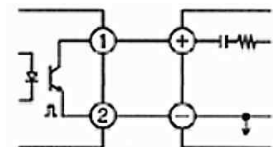


4. Current pulse

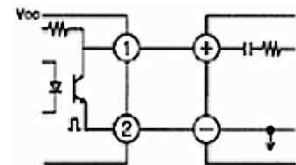


■ OUTPUT CONNECTION EXAMPLES

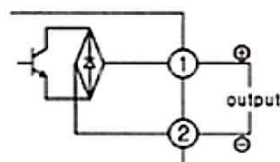
1. Open collector



2. Voltage pulse



3. AC/DC switch



■ OUTPUT SIGNAL SPECIFICATIONS

- Open collector : 50V DC, 50mA max
- Relay contact : 24V DC 1A
- Voltage pulse : 24V DC 30mA



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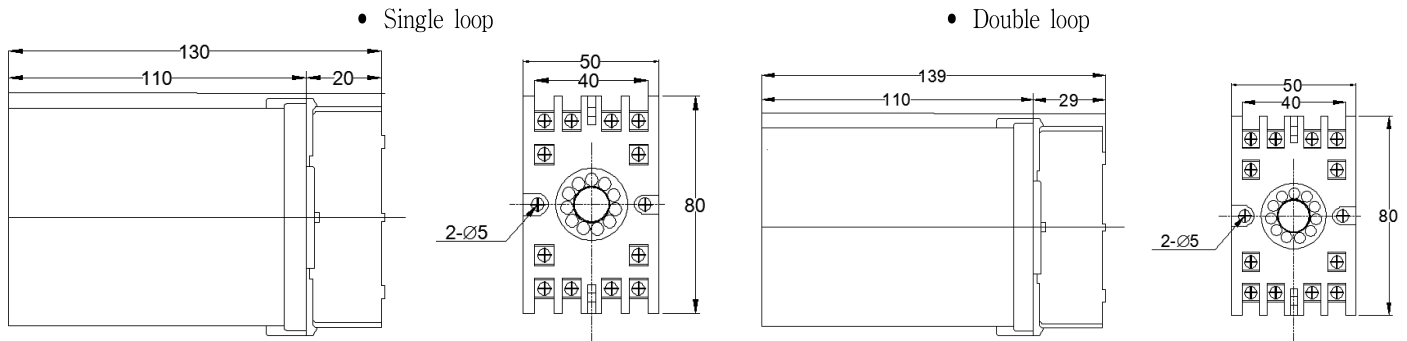
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SHICO. FREQUENCY SCALER

MODEL : SFSL Series

■ DIMENSION



■ ORDERING INFORMATION

CODE	INPUT SIGNAL
1	Voltage Pulse (5V, 12V, 24V)
2	Dry Contact
3	Open Collector
CODE	OUTPUT SIGNAL
1	Voltage Pulse
2	Dry Contact
3	Open Collector
CODE	POWER SUPPLY
1	AC 110V
2	AC 220V
3	AC 24V(option)

SFSL - - -



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