TC Input

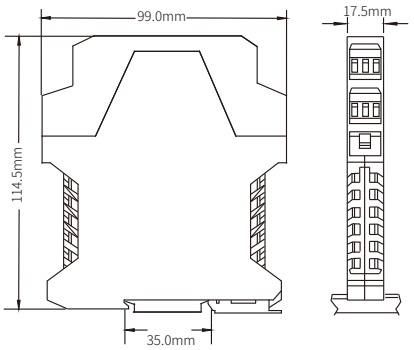
Features

24V DC independent power supply
Line fault detection(LFD)
Configurable by software
Integral CJC on terminals

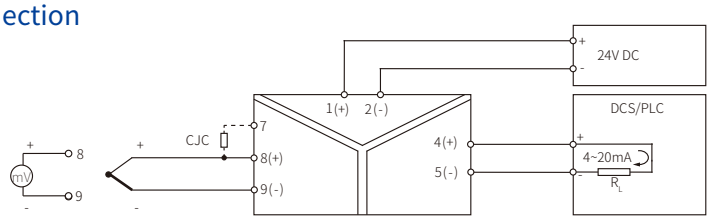
	CZ3072 1/1	CZ3074 1/2	CZ3079.TC 2/2
Input			
Input Signal(Customized mV signal)	T、E、J、K、N、R、S、B	T、E、J、K、N、R、S、B	T、E、J、K、N、R、S、B
Internal CJC Temperature Range	-20°C~+60°C	-20°C~+60°C	-20°C~+60°C
CJC Precision	±1°C	±1°C	±1°C
Output			
Output Current/Load Resistance	0~20mA，4~20mA / R_L≤300Ω	0~20mA，4~20mA / R_L≤300Ω	0~20mA，4~20mA / R_L≤300Ω
Output Voltage/Load Resistance	0~5V，1~5V / R_L≥20kΩ	0~5V，1~5V / R_L≥20kΩ	0~5V，1~5V / R_L≥20kΩ
Fault Current of Overrange/Underrange	I_H≈20.8mA/I_L≈3.8mA	I_H≈20.8mA/I_L≈3.8mA	I_H≈20.8mA/I_L≈3.8mA
Fault Current of Line Break	I≈20.8mA	I≈20.8mA	I≈20.8mA
General Parameters			
Supply Voltage	20~35V DC	20~35V DC	20~35V DC
Power Reverse Protection	Support	Support	Support
Current Consumption(Supply voltage:24V)	≤35mA	≤55mA	≤55mA
Conversion Accuracy	See P13 Table 2	See P13 Table 2	See P13 Table 2
Temperature Drift	0.01%F.S./°C	0.01%F.S./°C	0.01%F.S./°C
Response Time (0~90%)	≤1s	≤1s	≤1s
Dielectric Strength	1500V AC;1min	1500V AC;1min	1500V AC;1min
Insulation Resistance	≥100MΩ; 500V DC	≥100MΩ; 500V DC	≥100MΩ; 500V DC
EMC Standards	GB/T 18268(IEC 61326-1)	GB/T 18268(IEC 61326-1)	GB/T 18268(IEC 61326-1)
Ambient Temperature	-20°C~+60°C	-20°C~+60°C	-20°C~+60°C
Suitable Field Apparatus	TC and mV signal sensor	TC and mV signal sensor	TC and mV signal sensor

Note: Fault current of line break <4mA or other special requirements, need to be customized.

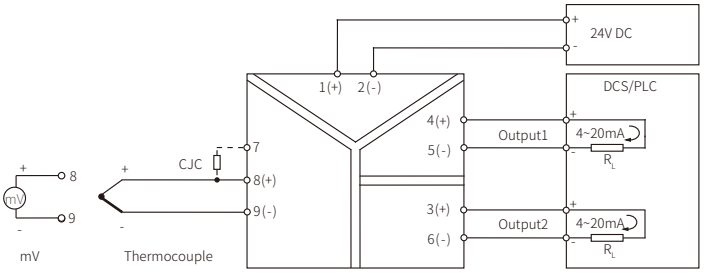
Dimensions



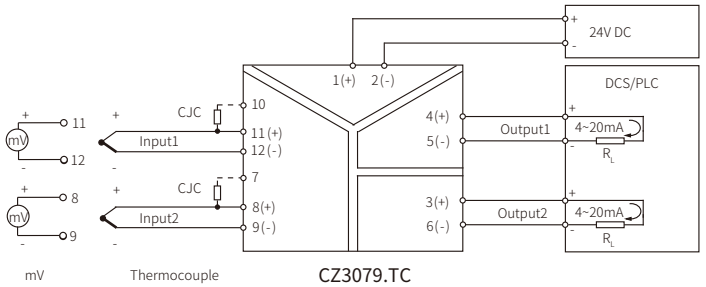
Connection



CZ3072



CZ3074



CZ3079.TC