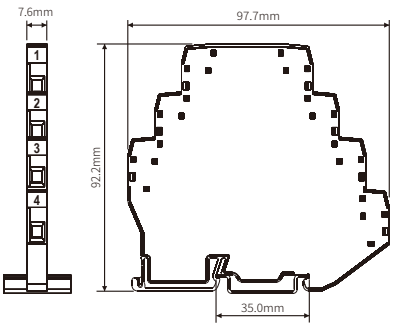
Features

1-channel signal conditioner
24V DC supply
Line fault detection(LFD)
Configurable by software
Ultra-slim housing width 7.6mm

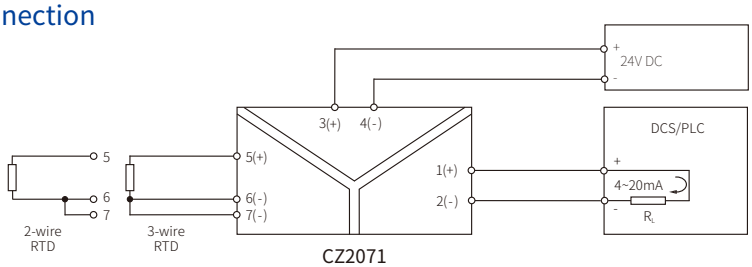
	CZ2071 RTD Input	CZ2171 TC Input	CZ2271 RTD/TC Input
Input			
Input Signal	Pt100，Cu100，Cu50	T、E、J、K、N、R、S、B (Customized mV signal)	Pt100，Cu100，Cu50 T、E、J、K、N、R、S、B
Internal CJC Temperature Range		-20°C~+60°C	-20°C~+60°C
CJC Precision		±1°C	±1°C
Output			
Output Current/Load Resistance	0~20mA，4~20mA / 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≥2kΩ	0~5V，1~5V / R_L≥2kΩ	0~5V，1~5V / R_L≥2kΩ
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)	≤45mA	≤45mA	≤45mA
Conversion Accuracy	0.2%	0.2%	0.2%
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	2-or 3-wire RTD sensor	TC sensor，mV signal	2-or 3-wire RTD，TC sensor

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

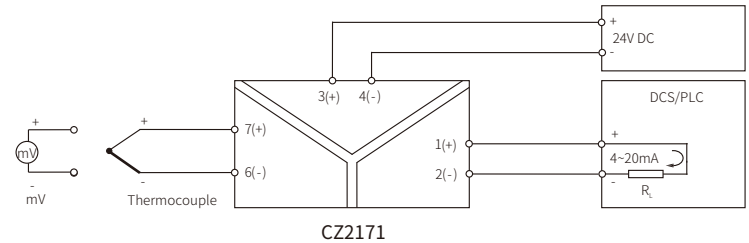
Dimensions



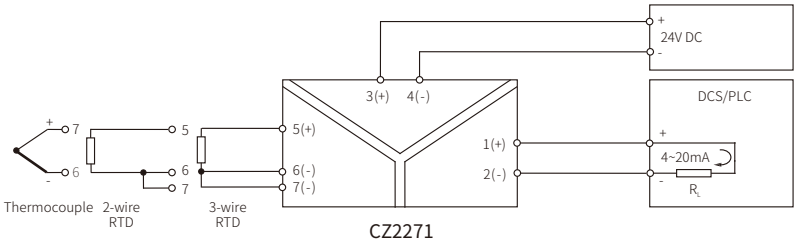
Connection



CZ2071



CZ2171



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