

Potentiometer Input

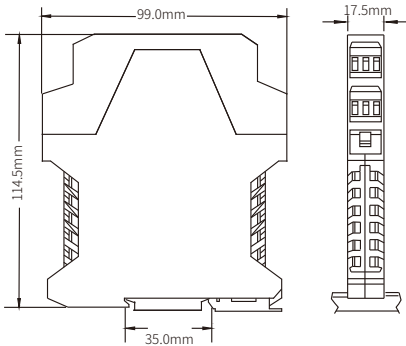
Features

24V DC independent power supply
 Line fault detection(LFD)
 Configurable by software

	CZ3075 1/1	CZ3076.R 1/2	CZ3079.R 2/2
Input			
Input Signal	0~5kΩ, 0~10kΩ	0~5kΩ, 0~10kΩ	0~5kΩ, 0~10kΩ
Output			
Output Current/Load Resistance	0~20mA, 4~20mA / $R_L \leq 300\Omega$	0~20mA, 4~20mA / $R_L \leq 300\Omega$	0~20mA, 4~20mA / $R_L \leq 300\Omega$
Output Voltage/Load Resistance	0~5V, 1~5V / $R_L \geq 20k\Omega$	0~5V, 1~5V / $R_L \geq 20k\Omega$	0~5V, 1~5V / $R_L \geq 20k\Omega$
Fault Current of Overrange/Underrange	$I_L \approx 20.8mA / I_L \approx 3.8mA$	$I_L \approx 20.8mA / I_L \approx 3.8mA$	$I_L \approx 20.8mA / I_L \approx 3.8mA$
Fault Current of Line Break	$I \approx 20.8mA$	$I \approx 20.8mA$	$I \approx 20.8mA$
General Parameters			
Supply Voltage	20~35V DC	20~35V DC	20~35V DC
Power Reverse Protection	Support	Support	Support
Current Consumption(Supply voltage:24V)	$\leq 40mA$	$\leq 55mA$	$\leq 55mA$
Conversion Accuracy	5Ω/0.1%(Take the larger value)	5Ω/0.1%(Take the larger value)	5Ω/0.1%(Take the larger value)
Temperature Drift	0.01%F.S./°C	0.01%F.S./°C	0.01%F.S./°C
Response Time (0~90%)	$\leq 1s$	$\leq 1s$	$\leq 1s$
Dielectric Strength	1500V AC;1min	1500V AC;1min	1500V AC;1min
Insulation Resistance	$\geq 100M\Omega$; 500V DC	$\geq 100M\Omega$; 500V DC	$\geq 100M\Omega$; 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 Potentiometer	2-or 3-wire Potentiometer	2-or 3-wire Potentiometer

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

Dimensions



- Note:
- For 3-wire Input, keep the resistance of the three wires as equal as possible.
 - For 2-wire Input, terminal 11, 12(CZ3075/C3076.R) and 8, 9(CZ3079.R) should be shorted.



Connection

