ECP-33/333/3D33

Provide the power supply loop to the meter which supplies power on site, such as pressure transmitter etc. A power supply signal of primary meter output is measured by collinear and after treatment, such as operation and interference-suppress, transmit the isolated single/double circuit or voltage signal. Isolating performance among input, output and power supply is improved
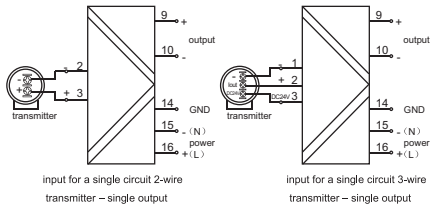
• All intellectualized, digitalized and programmable
• Extremely high stability and constant precision
• High isolation among power supply, input, output and double loop
• Distribution output short-circuit protection
• Conforms to IEC61000 electromagnetic immunity standard

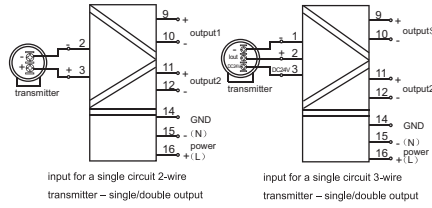| Main technical parameters:	ECP-33	ECP-333	ECP-3D33
System transmission precision：	± 0.2% × F•S （± 0.1% can be customized)	± 0.2% × F•S （± 0.1% can be customized)	± 0.2% × F•S （± 0.1% can be customized)
Current channel：	Single input-single output	Single input-double output	Single input-double output
Temperature draft：	±0.0035%×F·S/℃ (35ppm/℃)	±0.0035%×F·S/℃ (35ppm/℃)	±0.0035%×F·S/℃ (35ppm/℃)
Working ambient temperature：	-10~55℃	-10~55℃	-10~55℃
Power supply：	no load < 28VDC, full span > 22VDC	no load < 28VDC, full span > 22VDC	no load < 28VDC, full span > 22VDC
Input impedance：	Current：100Ω; Voltage：500KΩ	Current：100Ω; Voltage：500KΩ	Current：100Ω; Voltage：500KΩ
Allowable external load impedance of current input： A larger load capacity can be specified during order：	4-20mA：0~500Ω；0-10mA：0~1KΩ		
Internal impedance at voltage output：	250Ω		
Dielectric strength between input / output / power supply / correspondence / double loop	DC ≥ 2000V.DCAC ≥ 1500V.AC		
Electromagnetic immunity：	Conforms to IEC61000-4-4: 1995 electromagnetic immunity requirement for the third industrial site		
Power supply：	DC24VDC±10% AC95～265VDC		
Input power：	0.9W	0.9W	1.8W

Smart Distributor

Wiring diagram：

ECP-33

ECP-333

ECP-3D33

input for a single circuit 2-wire
transmitter – single output

input for a single circuit 3-wire
transmitter – single output

input for a single circuit 2-wire
transmitter – single/double output

input for a single circuit 3-wire
transmitter – single/double output

input for double circuit 2-wire
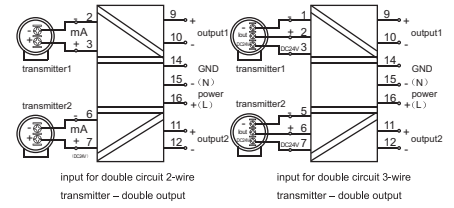transmitter – double output

input for double circuit 3-wire
transmitter – double output

Note：

Power line of 220V power supply product is connected between L and N, L is connected with phase line and N is connected with neutral.

Mechnical diagram：

100

115

22.5