

# AC/DC current transmitter

## Specification

Variety voltage, current output selectable

Output signal can be characterized by direction of DC current

Measurement range is selectable

ESC - I - 30

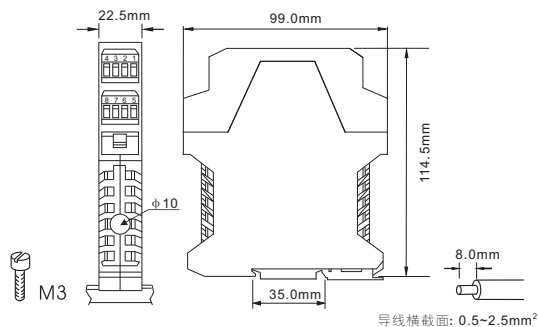
Input current  
access through perforation

ESC - I - 60

Input current  
access through perforation

Input	ESC - I - 30	ESC - I - 60
Input current range(I <sub>n</sub> )	0A~20A/25A/30A AC/DC	0A~40A/50A/60A AC/DC
Max. input current(I <sub>max</sub> )	Depend on current carrying capacity of wire	Depend on current carrying capacity of wire
Frequency range	15Hz~400Hz	15Hz~400Hz
Output		
Current output	4~20mA/0~20mA	4~20mA/0~20mA
Max. output current	22mA	22mA
Load resistance	≤550Ω	≤550Ω
Voltage output	0~5V/0~10V/±5V/±10V	0~5V/0~10V/±5V/±10V
Max. output voltage	±12V	±12V
Load resistance	≥10kΩ	≥10kΩ
General parameters		
Supply voltage	20V~30V DC	20V~30V DC
Rated power consumption	1.2W(50mA, 24V)	1.2W(50mA, 24V)
Response time	Reach 90% of final value in 330ms	Reach 90% of final value in 330ms
Transfer accuracy	0.5%F.S.(sinusoidal 50Hz/True RMS/23℃)	0.5%F.S.(sinusoidal 50Hz/True RMS/23℃)
Temperature drift	0.03%F.S./℃	0.03%F.S./℃
Operating temperature	-20℃~+60℃	-20℃~+60℃
Storage temperature	-40℃~+80℃	-40℃~+80℃
Relative humidity	15%~90%	15%~90%
Pollution degree	3	3
EMC	GB/T 18268 (IEC 61326-1)	GB/T 18268 (IEC 61326-1)
Dimensions	114.5mm×99.0mm×22.5mm	114.5mm×99.0mm×22.5mm
Safety parameters		
Insulation performance test standards	GB4793.1 (IEC 61010-1)	GB4793.1 (IEC 61010-1)
Dielectric strength (input~power, output)	4000V AC, 1min	4000V AC, 1min
Impulse voltage	4000V	4000V
Insulation resistance	≥100MΩ; 500V DC	≥100MΩ; 500V DC
IP degree (Comply with IEC60529)	IP20	IP20

## Dimensions



## Application

