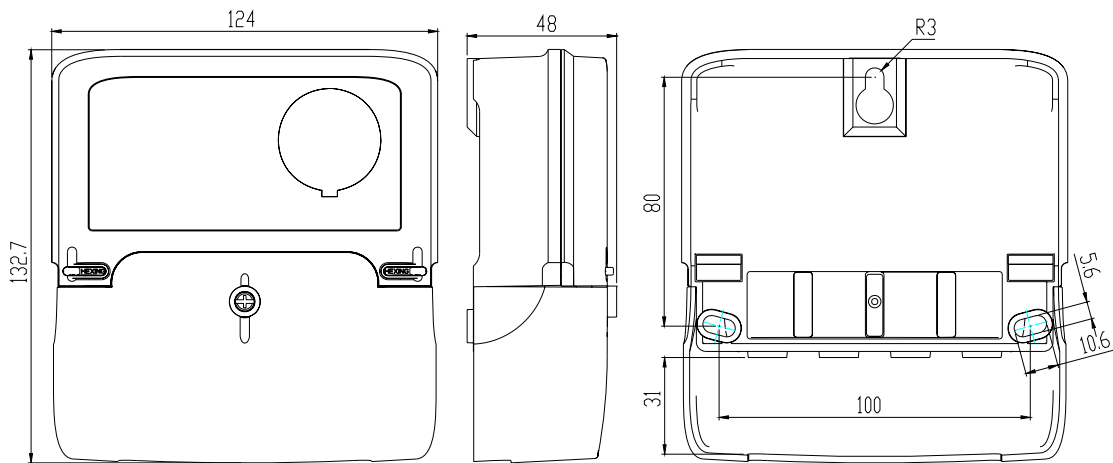


● **Meter Dimension**



Dimension:

- Width.....124mm
- Height..... 132.7mm
- Depth..... 48mm

Installation Dimension:

- Width.....110mm
- Height..... 80mm
- Depth..... 48mm

12. Parameters

Electrical	
Voltage	230V
Basic current	5A
Maximum current	100A
Starting current	0.004Ib
Frequency	50Hz
Burden in current circuit	<0.5VA
Burden in voltage circuit	<2W/10VA
Battery life	15years
Data retention	>15years
Meter life	15years
Impulse constant	1000imp/kWh

External influence	
Protection	IP54
Material for meter case compliance	ISO 75
Operating temperature	-25℃—55℃
Storage temperature	-40℃—70℃
Relative humidity	Up to 95%
Operating altitude	Up to 3500 m

Electromagnetic compliance	
Short time impulse	4kV
Surge voltage	4kV

Electrical insulation	
Insulation voltage	6kV
AC voltage	4kV

Accuracy	
Class	1.0
Standard Compliance	IEC62052-11, IEC62053-21, IEC 62056-21.

Mechanical parameters	
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Meter type	Direct connection HXE12R
Network type	1 Phase 2 Wire
Terminal configuration	L:N:N:L
Weight of Meter	0.4 kg (approx)
Dimension	124mm X 133mm X 48mm
Mounting	Front projection mounting
Sealing	Sealing provisions for terminal with one sealing screw
Terminal hole diameter	≥8mm
Terminal cover	Short length terminal cover
Meter Cover material	UV stable transparent PC
Meter Base material	Flame retardant glass fiber
Terminal Cover material	Flame retardant glass fiber
Terminal Box material	Flame retardant glass fiber

Technical parameters	
Measuring range	0—999999.99 kWh
Display mode	LCD
Communication port	Optical communication
Communication baud rate	Standby mode: 300bps, Communication mode: 4800bps.
Communication Protocols	IEC62056-21, Mode C

Initial baud rate for optical communication is 300 bps. After handshake, baud rate can reach to 4800 bps.

Communication interface: Meter is with either optical communication port. By optical communication can realize meter firmware recording and meter reading.

Power-off metering: In power outage mode, meter reading can only be realized by LCD display.

Communication ID list:

ID	Data	Description	Unit	Note
Energy: Read only				
901F	XXXXXX.XX	current import active energy	kWh	
902F	XXXXXX.XX	current export active energy	kWh	