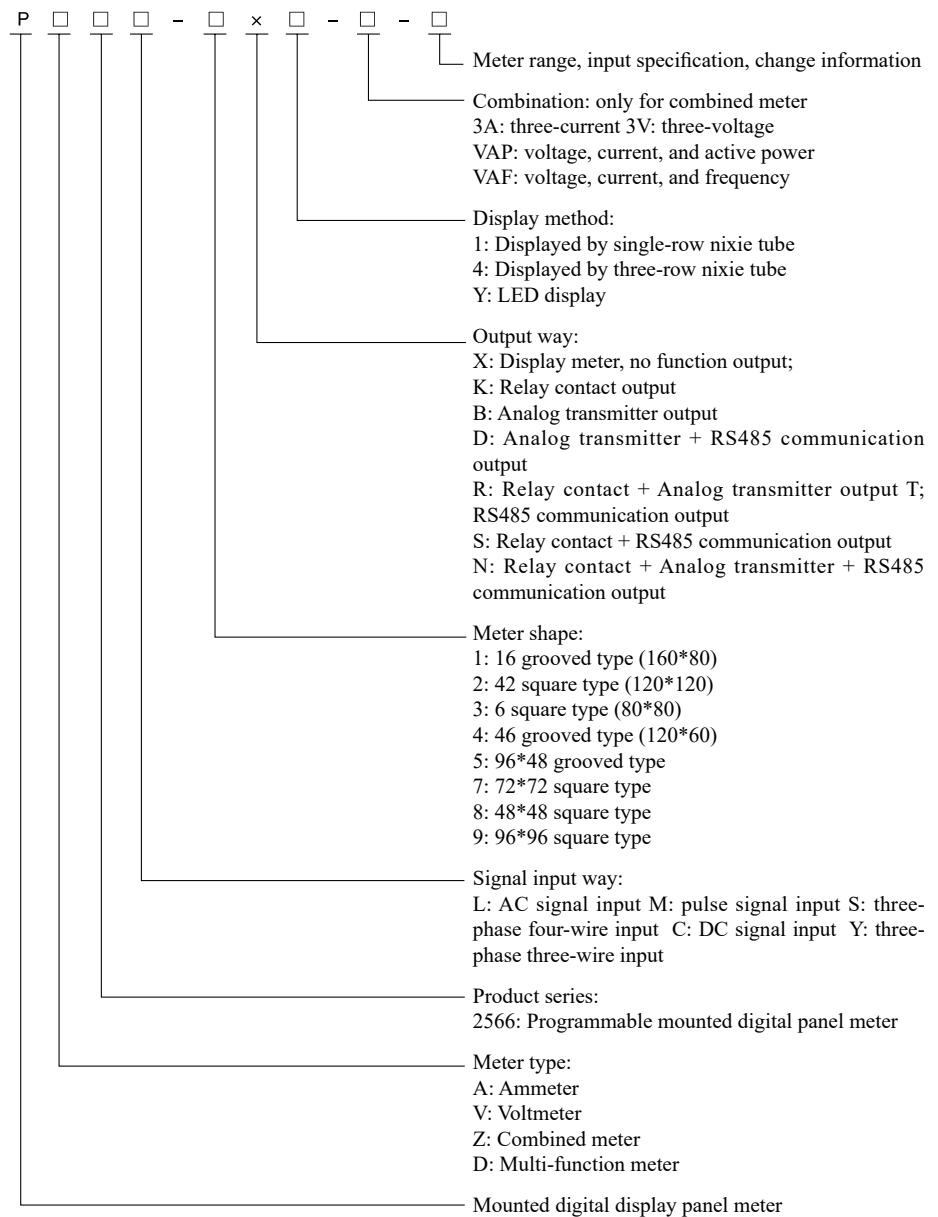# P2566 Series Programmable Digital Meter

1 Overview

P2566 series digital panel meters is designed and manufactured with SMT process in the modular way to realize the function configuration of output module and meter keyboard. This series of meter can be used as the general digital display device. With different output modules used, this meter can become multi-functional network power meter with functions such as measurement, alarm, switching input, switching output, transmission and communication, widely used in various fields such as power, industrial and mining enterprises and equipment manufacturing.

2 Type designation

P □ □ □ – □ × □ – □ – □

Meter range, input specification, change information

Combination: only for combined meter
3A: three-current 3V: three-voltage
VAP: voltage, current, and active power
VAF: voltage, current, and frequency

Display method:
1: Displayed by single-row nixie tube
4: Displayed by three-row nixie tube
Y: LED display

Output way:
X: Display meter, no function output;
K: Relay contact output
B: Analog transmitter output
D: Analog transmitter + RS485 communication output
R: Relay contact + Analog transmitter output T; RS485 communication output
S: Relay contact + RS485 communication output
N: Relay contact + Analog transmitter + RS485 communication output

Meter shape:
1: 16 grooved type (160*80)
2: 42 square type (120*120)
3: 6 square type (80*80)
4: 46 grooved type (120*60)
5: 96*48 grooved type
7: 72*72 square type
8: 48*48 square type
9: 96*96 square type

Signal input way:
L: AC signal input M: pulse signal input S: three-phase four-wire input C: DC signal input Y: three-phase three-wire input

Product series:
2566: Programmable mounted digital panel meter

Meter type:
A: Ammeter
V: Voltmeter
Z: Combined meter
D: Multi-function meter

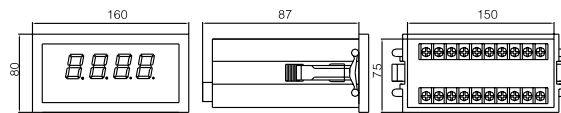**Mounted digital display panel meter**
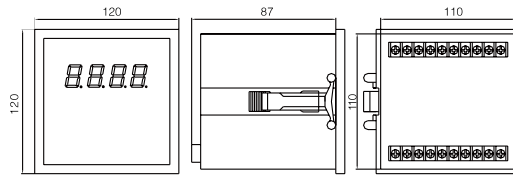
P2566 Series Programmable Digital Meter

3 Product functions and features

3.1 Working environment: Used in an environment with temperature ranged -25°C to +55°Cand with humidity ≤90% without corrosive gas;

3.2 Installation way: Vertically mounted.
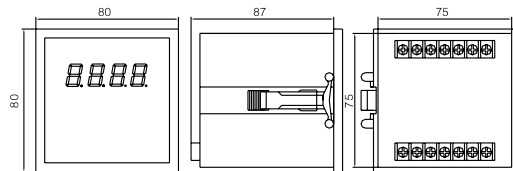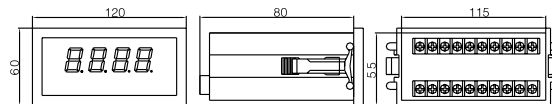
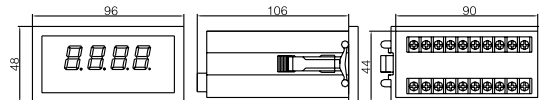## 4 Outline and installation dimension
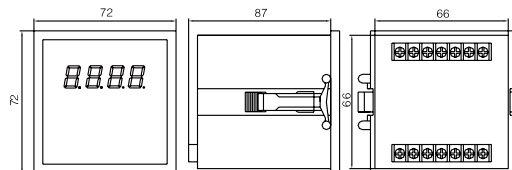
P2566-1 series

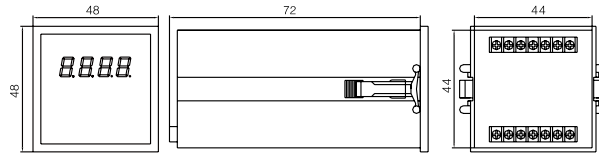P2566-2 series
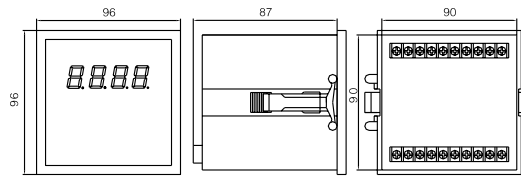
P2566-3 series

P2566-4 series

P2566-5 series

P2566-7 series

P2566 Series Programmable Digital Meter

P2566-8 series

P2566-9 series

5 Installation dimension and hole size

Unit:mm

Meter shape	Frame size		Housing size			Mounting hole size		Value
	Width	Height	Width	Height	Depth	Width	Height	Code
16 grooved type	160	80	150	75	87	152	76	1
42 square type	120	120	110	110	87	112	112	2
6 square type	80	80	75	75	87	76	76	3
46 grooved type	120	60	115	55	80	116	56	4
72x72 square type	72	72	67	67	87	68	68	7
48x48 square type	48	48	44	44	72	45	45	8
96x96 grooved type	96	96	90	90	87	92	92	9
96x98 grooved type	96	48	90	44	106	92	45	5

6 Ordering notice

Please specify the product model, specification and quantity before ordering. For special requirements, please contact the manufacturer.

Instruments & Meters