



	-----1
	-----1
	-----1
	-----1
	-----2
	-----3
	-----4
	-----5
	-----18
	-----18
	-----18
1	-----19

YHLX

11.		OC	4-20mA
12.	RS485	modbus	
13.	IP65 IP66 IP67 IP68		
14.	ExdIIBT6 ExiaIICT5		
15.	304 316 316L	/	
16.	1		1
	DN mm		

100	410	439.5	220	180	8	18	447	235	190	8	18	447	235	190	8	22
150	585	507.5	285	240	8	22	509	300	250	8	26	509	300	250	8	26
200	700	557	340	295	12	22	567	360	310	12	26	574	375	320	12	30

GB/T9119-2000

YHLX - (A) - B C D E F G

A

020	DN20
025	DN25
032	DN32
050	DN50
080	DN80
100	DN100
150	DN150
200	DN200

B

1. 1.6MPa
2. 2.5MPa
3. 4.0MPa
- 4.

C

- 1.
- 2.

D

1. / 24VDC
2. 4-20mA 24VDC
3. 3.6V
4. 4-20mA 24VDC ()

E

1. 1.0
2. 1.5

F

- 0.
1. RS485

G

- 0.
1. ExdIIBT6
2. ExiaI ICT5

H

- 1.
- 2.

1.

2.

3.

4.

Qv

1

5.

6.

Qmin

7.

8.

$$Q_N = \frac{P_a}{P_N} \cdot \frac{P}{T_N} \cdot \frac{Z_N}{Z} Q_V$$

Q_N——

(Nm³/h)

T

Q_V——

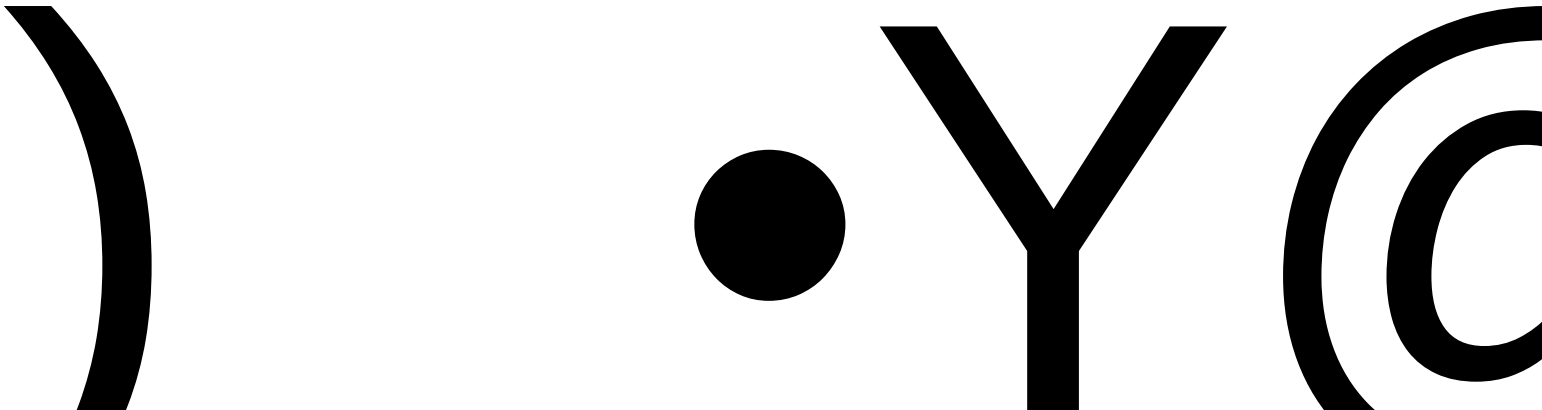
20% 80%

1

QN

8

W ! I_x



2

AVPV2*0.5mm²

AVPV3*0.5mm²

1000

≤ 50Ω

3

24VDC

LOGO

5

K2

3.1

LOGO

3.2





“ ” “ ”

“ ” -50.0...430.0 “ ” -0.1000...20.0000MPa

A

4.1

1	K1	
2	K2	
3	K3	1
4	K4	

4.2

	K1	
K2		K1

4.3

	m^3/h km^3/h l/min kg/h t/h kg/min Nm^3/h Nkm^3/h NI/min Nm^3/min Nkm^3/min		m^3/h km^3/h l/min kg/h t/h kg/min Nm^3/h Nkm^3/h NI/min Nm^3/min Nkm^3/min “ ” m^3/h
			4-20mA 4-20mA “ ” “ ” “ ”
	0.000000-99999999		“ ” 3 “ ” 3600
	0.000000-99999999		“ ” “ ”
	0.000000-99999999		“ ” 500 “ ” 0
	01-99		“ ” 01
	0.000000-99999999 MPa		“ ” “ ” “ ” 3.766MPa “ ” 132.42K “ ” 1.000
	0.000000-99999999 K		
	0.000000-99999999		
	-9999-99999		
	0.000000-99999999 kg/m^3		“ ” “ ” “ ” 0 “ ” “ ” 0
	-9999-99999		10 “ ”
	0.000000-99999999 kg/m^3		“ ”
.....			

IC 万邦

“

“ CO

“ H₂

“

“

“



0.0000

0

“ ”

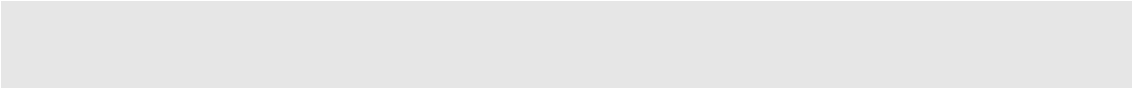
“ ” “ ”

	485		485 “ ” “ ”
	001-255		“ ” 001
	9600 4800 2400 1200		“ ” 9600
			“ ” “ ”
			2~3 “ ” “ ” “ ”

K2

4.3.2 “ ” 4 “ ”

4



“ ”

0.000000-99999999

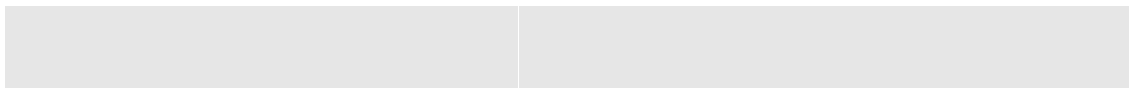


“ ”

K3

4.3.5

5



┌

“ ”
“ ”
“ ” “ ”

4.4.3

“ ”
“ ”

“ 2* 20mA K1
A
“ ” “ ”

5

▲ “ ” 1 3 4
OC J1 ‘ OC ’
▲ “ ” 1 3 4
OC J1 ‘ OC ’ ‘ F0 ’
▲

7 F6 F F7 $K=(F-F6)(K7-K6)/(F7-F6)+K6$
 8 F7 F F8 $K=(F-F7)(K8-K7)/(F8-F7)+K7$
 9 F8 F F9 $K=(F-F8)(K9-K8)/(F9-F8)+K8$
 10. F9 F F10 $K=(F-F9)(K10-K9)/(F10-F9)+K9$
 11 F10 F $K=K10$

F— Hz
 K1.....K10— F1.....F10
 “ ” “ ” “ ” “ ”
 “ ” “ ”

7

7.1

RS485		MODBUS-RTU
1	8	
2		0.05s

7.2

1~12

1.0001H
 2.0003H
 3.0005H 0.0000
 4.0007H 0.0000
 5.0009H
 6.000BH
 7.000DH 0.0000
 8.000FH
 9.0011H 0.0000
 10.0013H 0.0000
 11.0015H 0.0000
 12.0017H 0.0000
 13.0019H
 14.001BH 0.0000
 15.001DH 0.0000
 16.001FH
 17.0021H
 485 “ ”

7.3

NULL 0
 ERROR -1234
 OVERRUN -8888

1		1. 2. 3.	1. 2. 3.
2		1. 2. 3.	1. 2. 3.
3		1. 2. 3. 4. 5. 6.	1. 2. 3. 4.
4		1. 2. 3.	1. 2. 3.

1.

2.

3.

a.

b.

c.

d.

e.
- GB/T 9329-1999

-20

+50

80%.

1.

2.

1

	ρ_{ij}			
	101.325kPa	G_{ij}	101.325kPa	101.325kPa
	293.15K		293.15K	293.15K
	0.6669	0.5539	0.0424	0.9982
	1.2500	1.0382	0.0900	0.9919
	1.8332	1.5224	0.1349	0.9818
	2.4163	2.0067	0.1844	0.9660
2-	2.4163	2.0067	0.1792	0.9679
	2.9994	2.4910	0.2293	0.9474
2-	2.9994	2.4910	0.2045	0.9528
2 2-	2.9994	2.4910	0.1992	0.9603
	3.5825	2.9753	0.2877	0.9172
2-	3.5825	2.9753	0.2740	0.9249
3-	3.5825	2.9753	0.2748	0.9245
2 2-	3.5825	2.9753	0.2551	0.9349
2 3-	3.5825	2.9753	0.2661	0.9292
	4.1656	3.4596	0.3538	0.8748
2-	4.1656	3.4596	0.3369	0.8865
3-	4.1656	3.4596	0.3367	0.8866
	4.7488	3.9439	0.4309	0.8143
2 2 4	4.7488	3.9439	0.3594	0.8708
	3.4987	2.9057	0.2762	0.9237
	4.0718	3.3900	0.3323	0.8896
	3.2473	2.6969	0.2596	0.9326
	3.8304	3.1812	0.3298	0.8912
	1.1644	0.9671	0.0200	0.9996
	1.4166	1.1765	0.0943	0.9911
	0.1664	0.1382	0.0160	1.0005
	1.6607	1.3792	0.0265	0.9993
	1.1646	0.9672	0.0173	0.9997
	1.8296	1.5195	0.0595	0.9946
	0.7489	0.6220	0.1670	0.9720
	1.2041	1.0000	-----	0.99963
N ₂ 0.7809 O ₂ 0.2095 A _r 0.0093 CO ₂ 0.0003				

