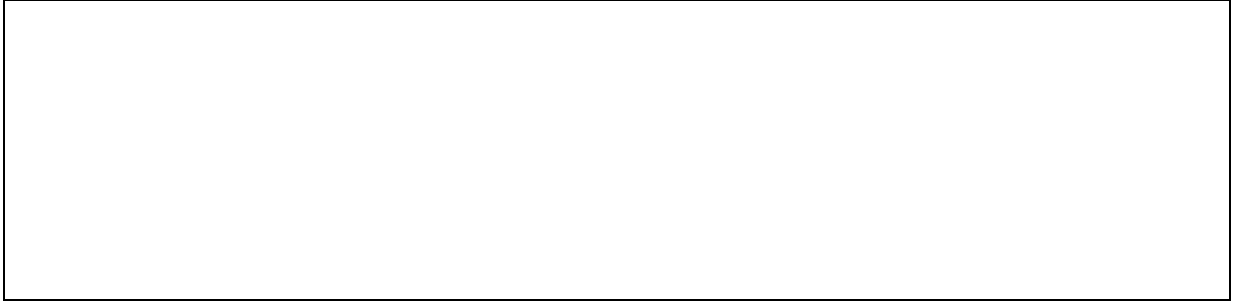


20220728

2022-2024

SSCGQ2022071

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9	<p>[2007]119 (2008 248</p> <p>)</p> <p>(</p> <p>)</p>
10	11
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[2011]300

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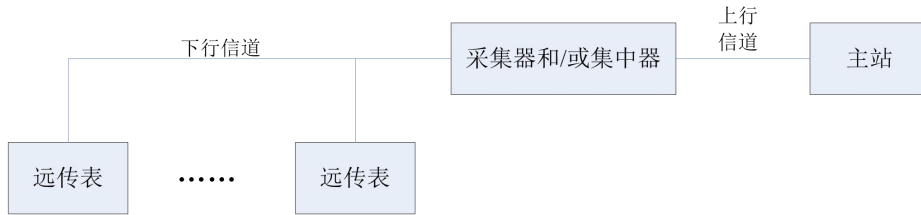
<p>5 68) 6 7 8 9</p>	<p>(2014 () 2017 141 141 2020 46</p>
<p>28</p>	<p>10%</p>

1		DN15		30	DN15--DN25
2		DN15		300	
3		DN20		10	
4		DN25		20	
5		DN15		300	
6	NB-i	DN20		10	
7		DN25		20	
8		DN40		10	
9		DN50		10	
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GB/T778-2007

JJG162-2009

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9999

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IP65 IP65

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1 Ra NB-1

485

5

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2

1 Q3=2.5m³/h Q3/Q1=80 Q2/Q1=1.6

2 T30

3 MAP10

3

1 1.6M a 15mi_v

2 2.0M a 1mi_v 0

4

◆ M-B

◆

◆

◆

◆

◆

5

5.1

◆ M-BUS

◆ 1200/2400b

◆ 22V-36V

◆ 2mA 25mA

◆

◆

6

6.1

99.5%

6.2

0.15%

6.3

1.2.1

Q1

Q2

Q2

4

1.2.2

Q2

Q2

Q4

a

30

2

b

30

3

1.2.3

5.2.1

5.2.2

1.3

1.4

ROC

1.4.1

a

T30

b

mAT 0.1

c

MAT 30

d

20

1.4.2

mAP 30kPa 0.3ba

MAP10

MAP

1.0MPa 10ba

1.4.3

DN 500mm

1MPa 10ba

1.4.4

5 55

3

25 55

1.4.5

40 0 100

40

95

1.4.6

10 10

2

1.5

GB/T778.1 2007 5.5

a

U10

b

D5

1.6

GB/T778.1 2007 5.6

2

2.1

2.1.1

2.1.2

2.2

a

GB/T778.1 2007 4.1

b

c

GB/T778.1 2007 4

2.3

2.3.1

a

b

2.3.2

1

1

1	

2.3.3

a

CJ/T 188 2004

b

1km

2.3.4

CJ/T 188 2004 7

2.3.5

2.3.6

a

b

a

CON E =

2 FU

2.3.7

2.3.7.1

2

	2
	1

2.3.7.2

2.4

0.063 MPa 0.63 ba

2.5

500mm

>LDH...E E

!!
9E

SS

=

<

c

2.8

2.8.1

2.8.2

2.8.2.1

a

b

c

d

2.8.2.2

9

2.9

JB/T 9329

2.10

Q3

Q4

GB/T 778.3 2007

8.1.1

1

2.11

MTBF

26500h

2.12

GB 4208 2008

IP65

IP68

3

3.1

a m3

b 2

c Q3 Q3/Q1

d

e

f

g

h H V

i T30

j 1MPa 10ba DN 500 0.6MPa 6ba

k 0.063MPa

GB/T 778.1

l

m

l CMIIT ID

3.2

GB/T 13384

GB/T 191

3.3

JB/T 9329

3.4

3.4.1

a 5 45

b 85

c 5

3.4.2

5

5

A.1 +2.5-3.7V

A.2 433MHZ

A.3 L Ra

A.4 +20dbm

A.5 200mA

A.6 -139dBm

A.7 10-20mA

A.8 25 A

A.9 9600b

A.10 2000

A.11 6

A.12

[2005]423

a GFSK

b 430-432MH 433.00-434.79MH

c 10 mW(e. .)

d 400 kH

e

30MH 1GH 48.5MH -72.5MH 76MH -108MH 167MH -223MH 470MH -566MH
606MH -798MH -36dBm

1GH 12.75GH -30dBm

48.5MH -72.5MH 76MH -108MH 167MH -223MH 470MH -566MH 606MH -798MH
-54dBm

1 a

1

GPRS

2

RS

485

M-BUS

USB

GPRS

NB-IOT

1

NBIOT

RS485

3.6V

●

●

RS485

●

RS485

RS485

●

● EMC ESD EMI

●

2

● DC 3.6V

● 1 7 A

2 230mA

3 50mA

4 25mA

● 23dBm 2dB Ma .

● -128dBm

● 3GPP Rel. 13/14NB-I T

UDP IP COAP

CJ/T 188

● 120mA,

5.3.

NB-I T

3GPP

Ba₁d01

Ba₁d02

Ba₁d03

Ba₁d05

Ba₁d08

Ba₁d12

Ba₁d13

Ba₁d14

Ba₁d17

Ba₁d18

Ba₁d19

Ba₁d20

Ba₁d25

Ba₁d26

Ba₁d28

Ba₁d66

NB-i

DN15

1 a

DN20

1		,
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8		

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3.1.1

3.1.2

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3.1.5

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10.2

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12.1

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12.2

12.3

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13.1

13.1.1

13. 1. 2

13. 2

13. 3

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14. 1

14. 2

14. 3

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15. 1

15. 2

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15. 3

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15. 6. 1

15. 6. 2

15. 6. 3

16

16. 1

16. 2

16. 3

17

18

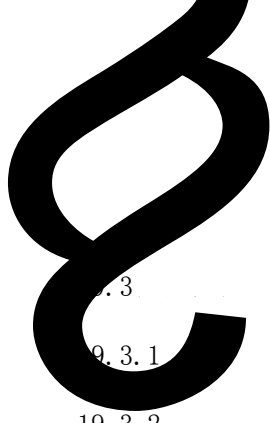
18. 1

18. 2

19

19. 1

19. 2



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19.3.1

19.3.2

18.1 18.2

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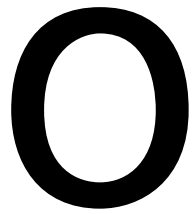
20.1

20.2

21

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23.2



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94

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