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Monocrystalline Silicon Intelligent Transmitter



Senex

86-020-87042626 600 102
86-020-87042616
www.senex.cn
E-mail senexsales@maxonic.com.cn
510520



Maxonic 万讯
： 300112

NASA

¾k

02

05

DP1300-DP

20

DP1300-TG

23

DP1300-TA

27

DP1300-FG

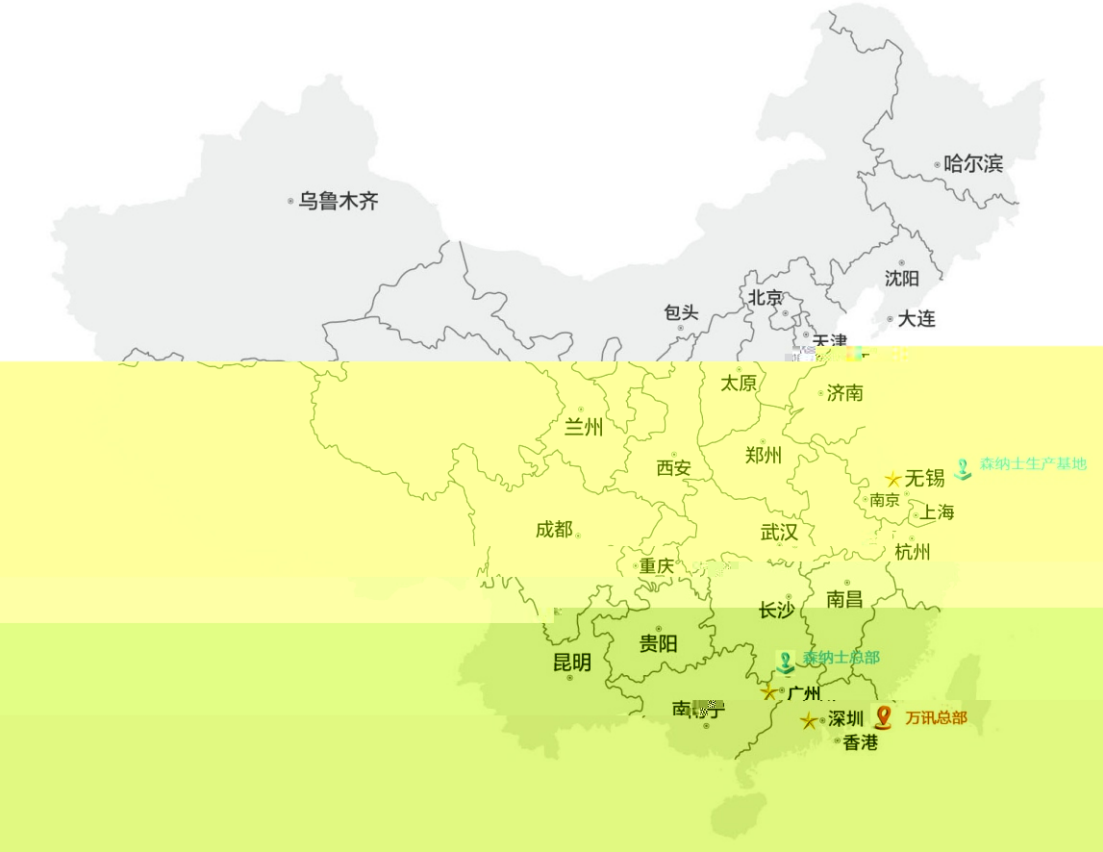
37



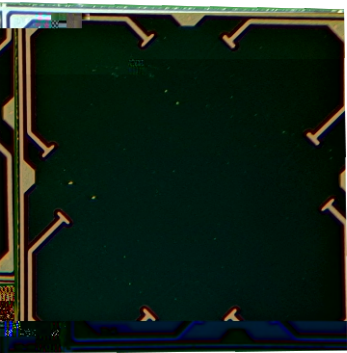
1994 MEMS 2010 3D 2.9

1995 Senex 2013 Senex

2017 3 , , , Senex / , DG



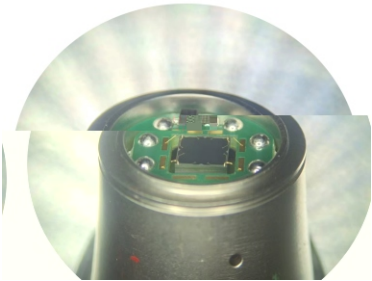
MEMS



MEMS

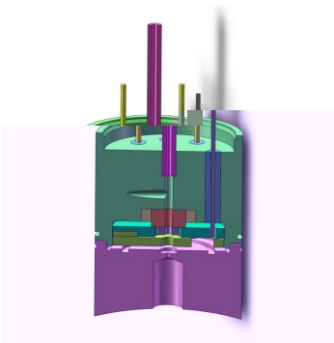
0.03%

SMQ



3.5Pa

4166



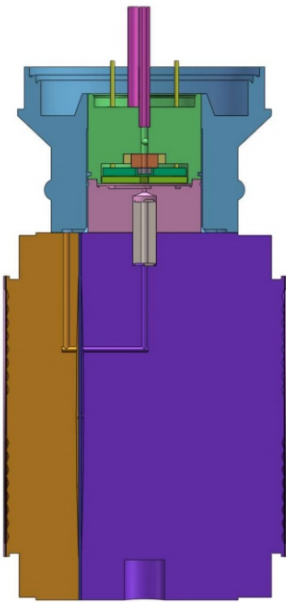
600



MEMS

MEMS

MEMS





316L C 316L PTFE

316L 80%

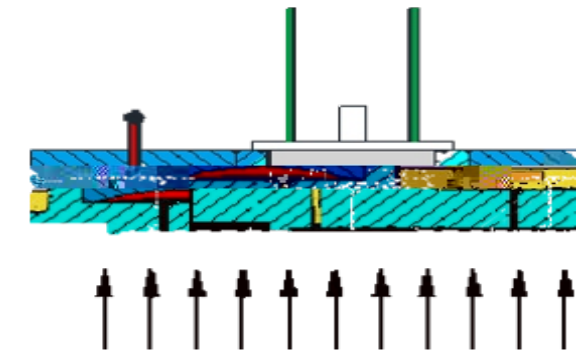
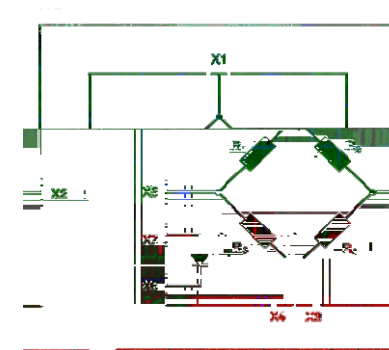
C-276

DSS、316L

Teflon (PTFE)、(PFA)



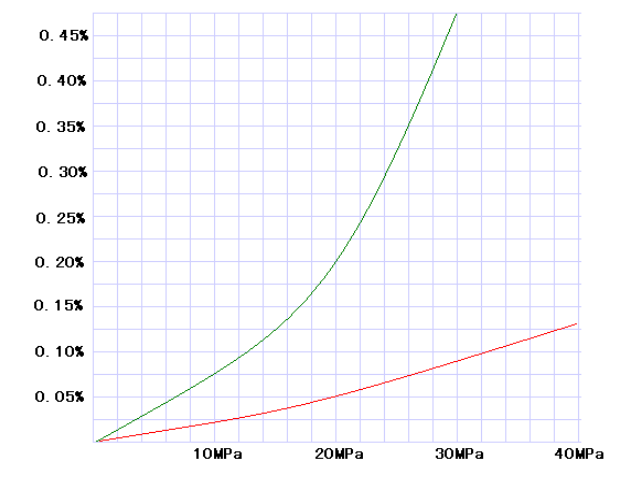
±0.04% 16 MPa 25 MPa 42 MPa 42 MPa
32 MPa 16 MPa 50 kPa 320

 $\leq \pm 0.04 \% / 10K$ 

10MPa <0.05%/10MPa

↓ = 0.075% +0.028% /1000psi

↓ =0.028% /1000psi

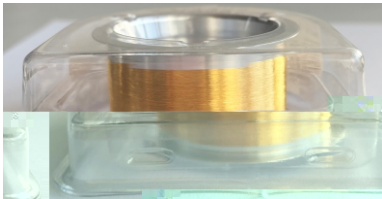
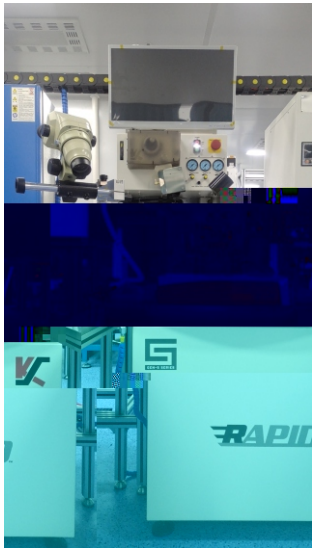
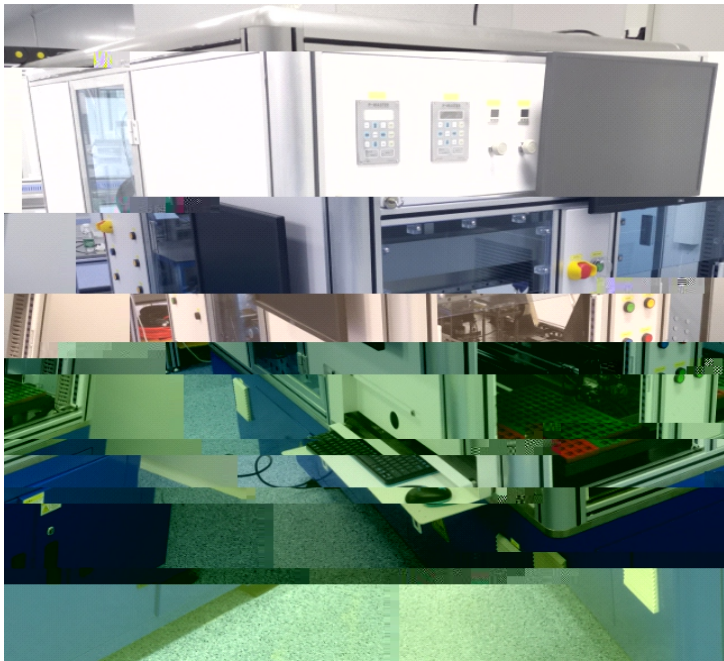
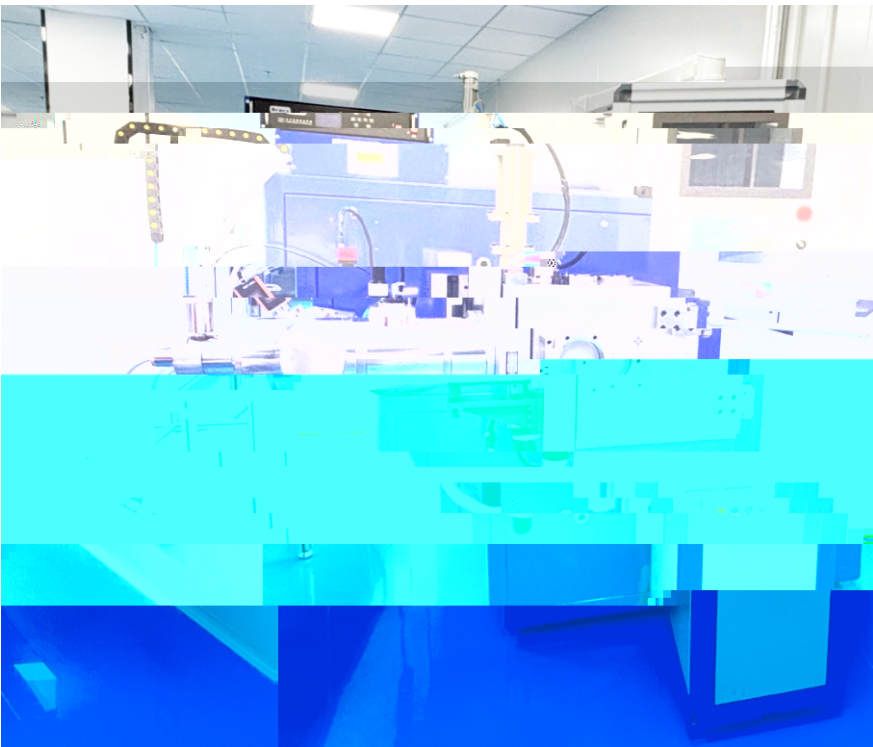
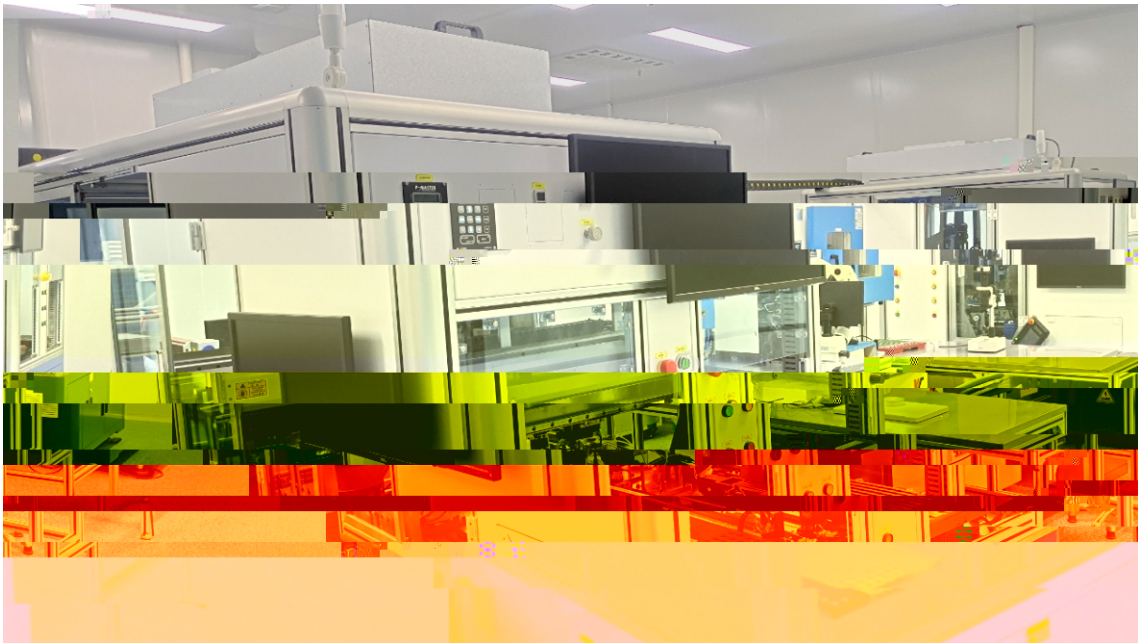




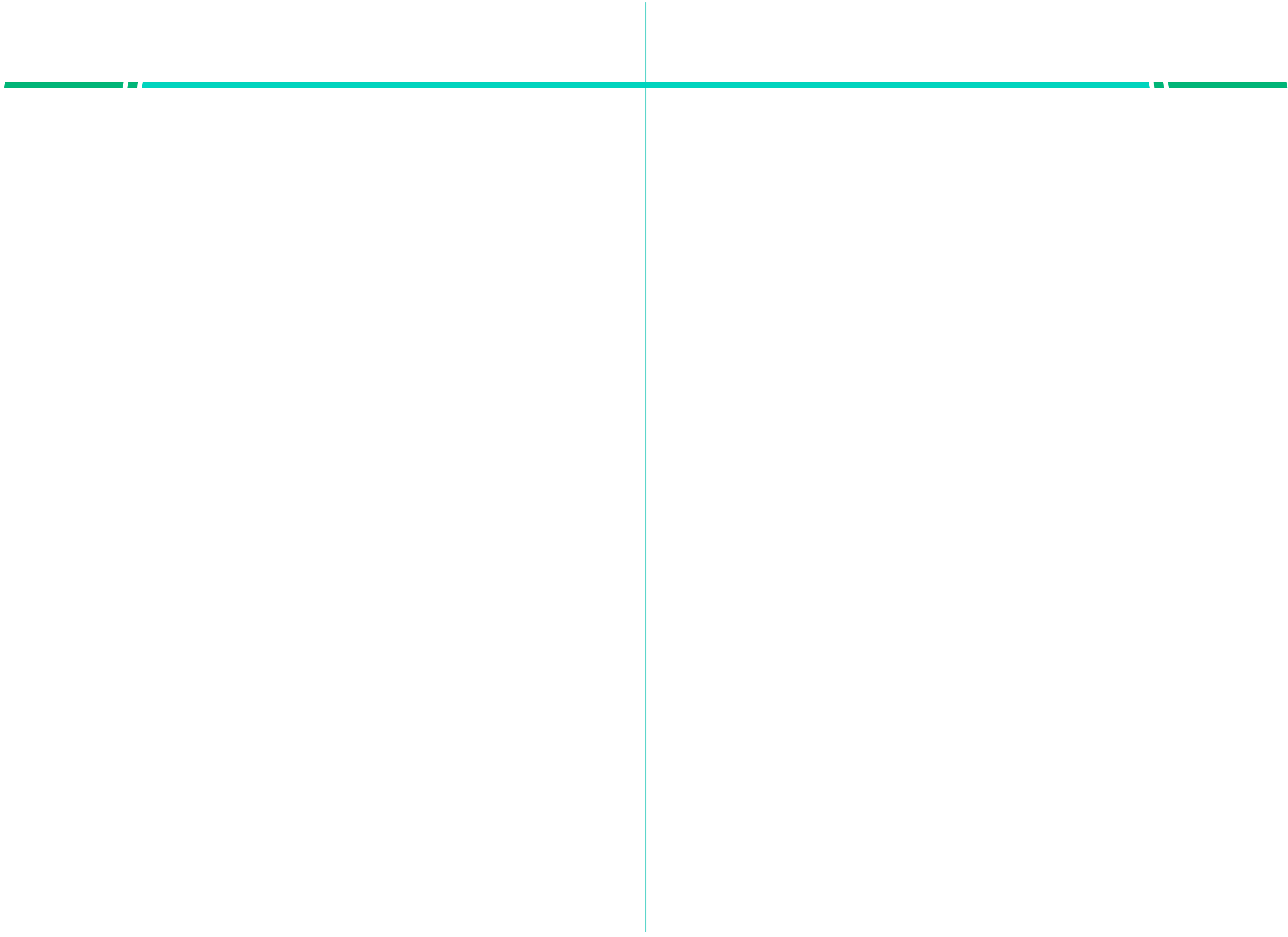




(Class 100)



99.99%



1)	DP1300-DP	DP1300-TG	DP1300-TA	DP1300-FA	DP1300-FG:	±0.05%	JJG882-2019);
	DP1300-YC:	±0.1%;					
2)	DP1300-DP	DP1300-TG	DP1300-TA	DP1300-FA	DP1300-FG、DP1300-YC:	3	0.1%
3)	DP1300-DP	DP1300-TG	DP1300-TA	DP1300-FA	DP1300-FG、DP1300-YC:	100:1;	
4)	DP1300-DP:	16MPa			±0.03%URL;	DP1300-TG	DP1300-TA DP1300-FA
	DP1300-FG、DP1300-YC:	2					;
5)	DP1300-DP	DP1300-TG	DP1300-TA	DP1300-FA	DP1300-FG、DP1300-YC:	90ms,	40ms/ ;
6)	DP1300-DP	DP1300-TG	DP1300-TA	DP1300-FA	DP1300-FG、DP1300-YC:	-40	85
					50°F 28	±(0.025%	+0.125%)
					1000psi 6.9MPa	±0.2%	;
7)					LCD	-25	75
							;
8)							

DP1300-DP

DP1300-DP
4 20mADC HART DP1300-DP HART375



		LRL	URL			
2kPa	100Pa	-2kPa	2kPa	24MPa	16MPa	16MPa
6kPa	200Pa	-6kPa	6kPa	25MPa	16MPa	16MPa
40kPa	400Pa	-40kPa	40kPa	25MPa	16MPa	16MPa
250kPa	2.5kPa	-250kPa	250kPa	25MPa	16MPa	16MPa
1MPa	10kPa	-1MPa	1MPa	25MPa	16MPa	16MPa
3MPa	30kPa	-3MPa	3MPa	25MPa	16MPa	16MPa
10MPa	100kPa	-10MPa	10MPa	25MPa	16MPa	16MPa

		±0.05%F.S.	2kPa 6kPa
	TD≤10	±0.04%F.S.	40kPa 250kPa 1MPa 3MPa、10MPa
	TD>10	± 0.03+0.002TD %F.S.	2kPa、6kPa
		± 0.02+0.002TD %F.S.	40kPa 250kPa 1MPa 3MPa、10MPa
TD(Turn down) =URL() TD= =F.S.(URV-LRV)			



内接地



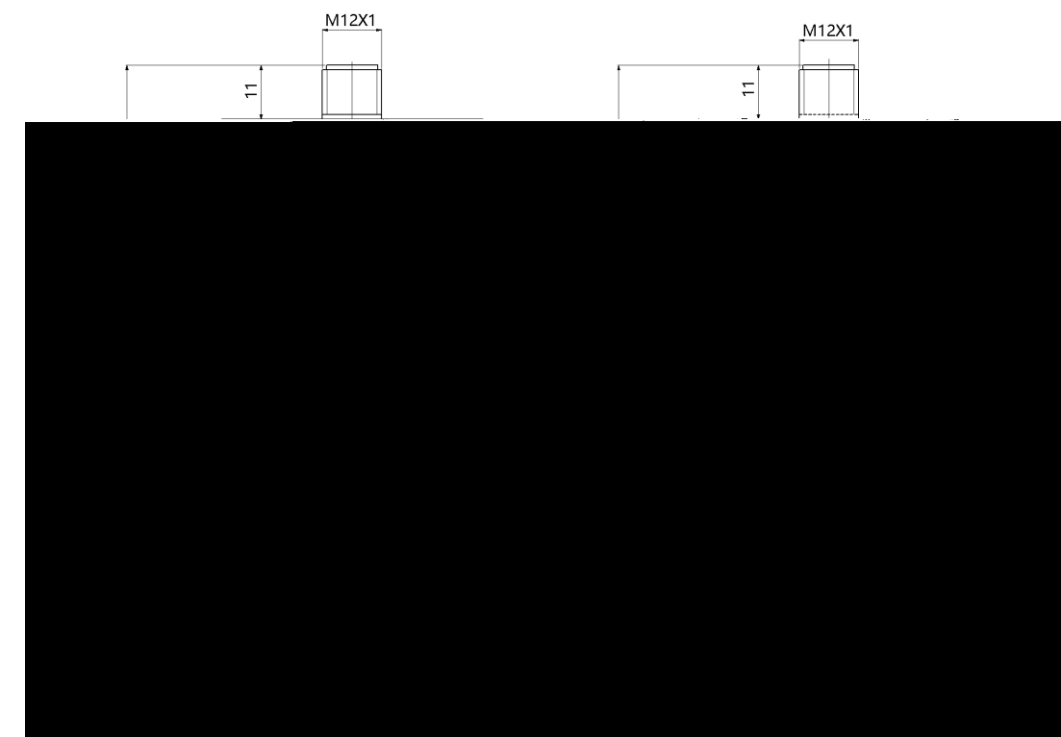
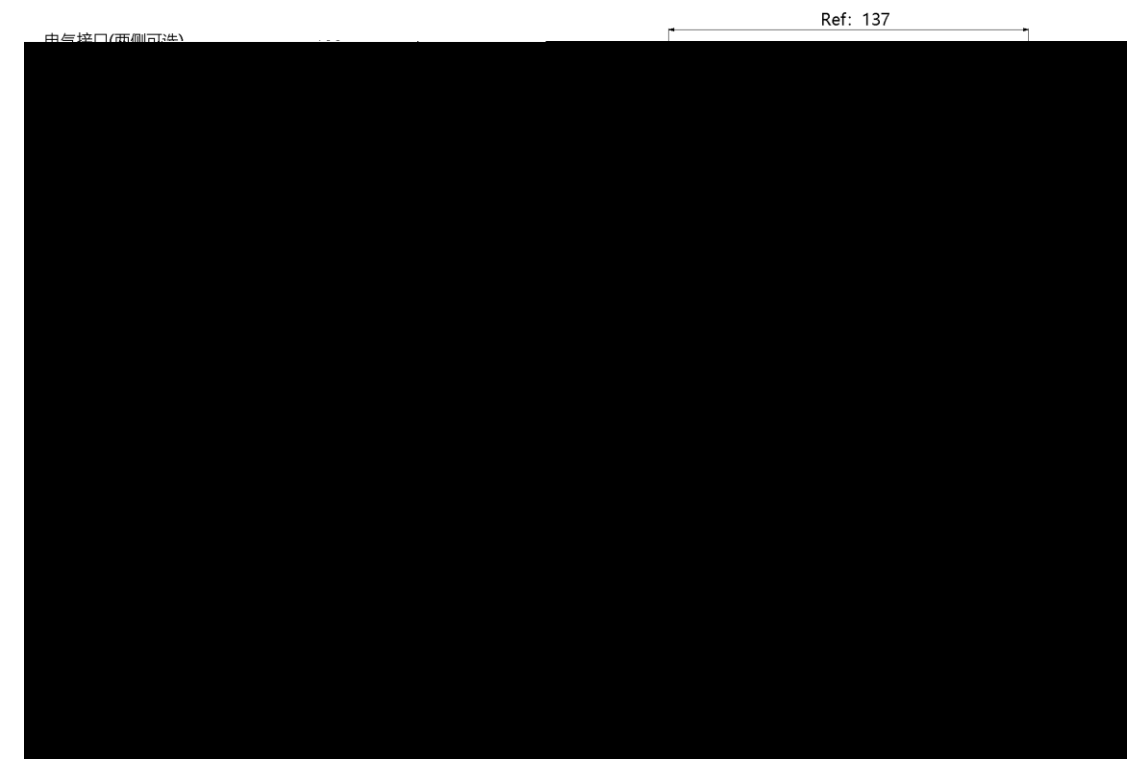
DP1300-TG

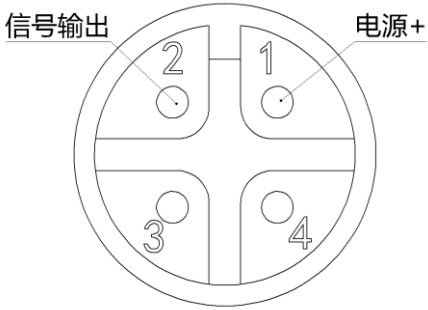
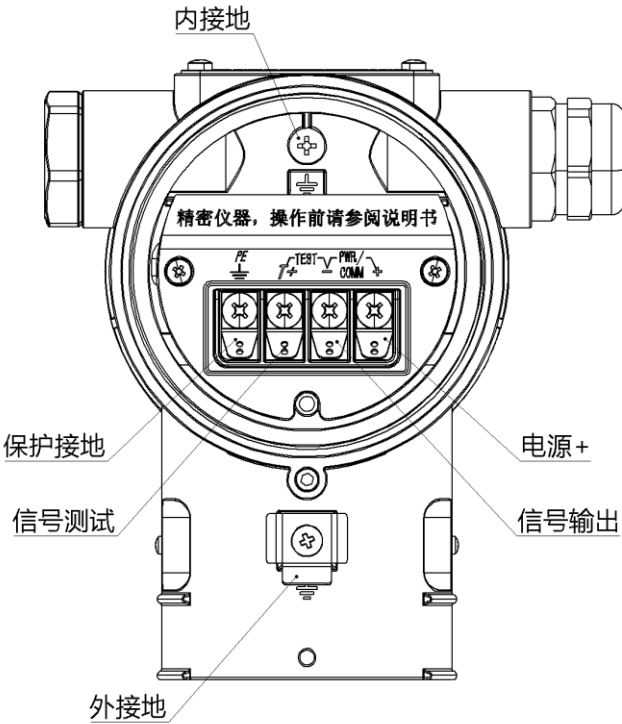
DP1300-TG 4 20mADC
HART RST375 RSM100 Modem



Pressure				
		LRL	URL	
2kPa	100Pa	-2kPa	2kPa	200kPa
6kPa	200Pa	-6kPa	6kPa	400kPa
40kPa	400Pa	-40kPa	40kPa	1 MPa
250kPa	2.5kPa	-100kPa	250kPa	4 MPa
1 MPa	10kPa	-100kPa	1 MPa	6 MPa
3 MPa	30kPa	-100kPa	3 MPa	15 MPa
10 MPa	100kPa	-100kPa	10 MPa	20 MPa
40 MPa	400kPa	-100kPa	40 MPa	80 MPa

	TD≤10	±0.05%F.S.	2kPa 6kPa			
		±0.04%F.S.	40kPa 3MPa	250kPa 10MPa	1MPa 40MPa	
	TD>10	± 0.03+0.002TD %F.S.	2kPa 6kPa			
		± 0.02+0.002TD %F.S.	40kPa 3MPa	250kPa 10MPa	1MPa 40MPa	
TD(Turn down) = URL() TD= / =F.S.(URV-LRV)						

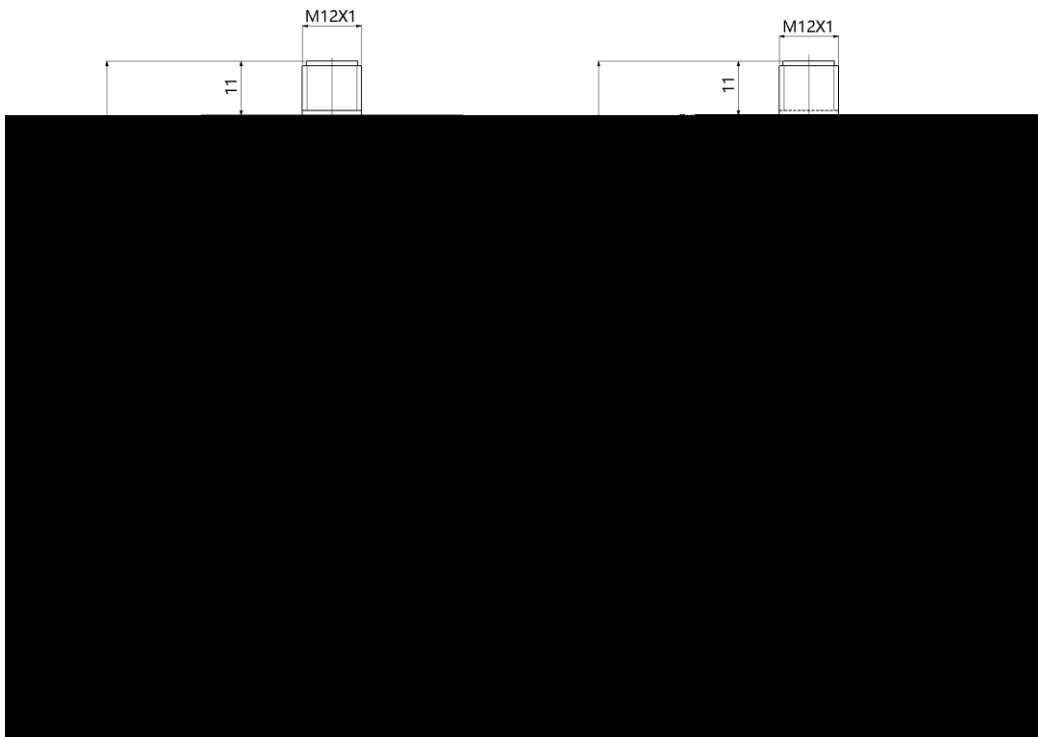
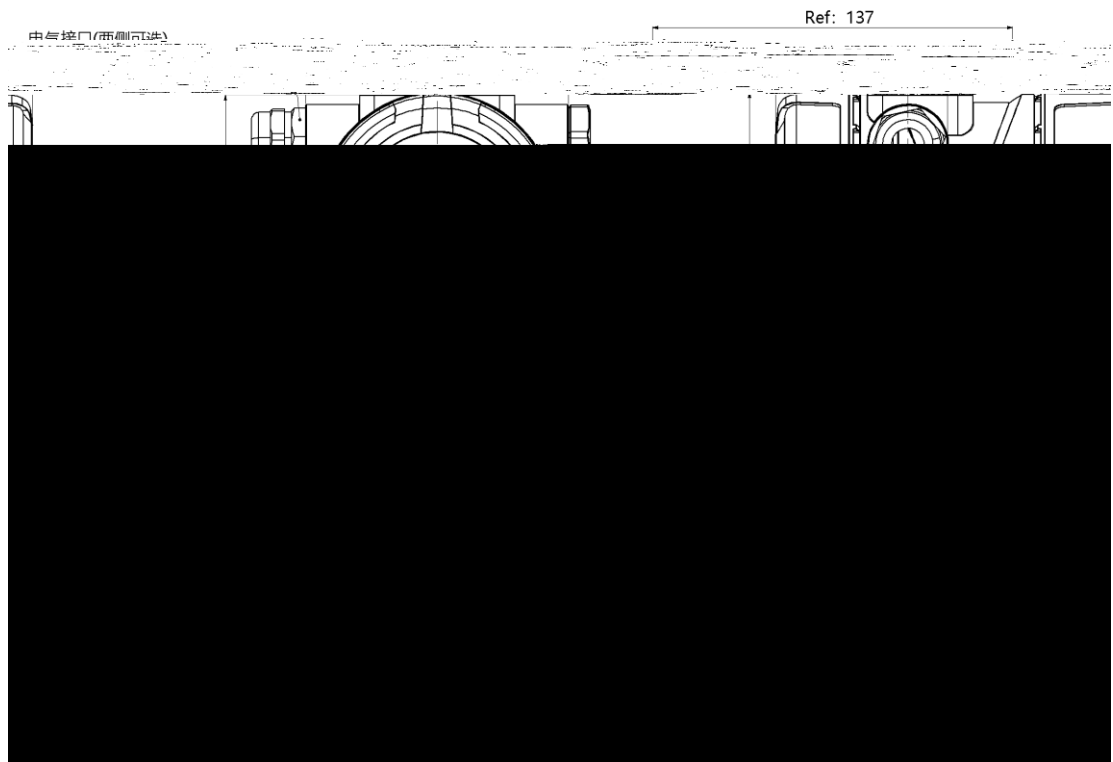


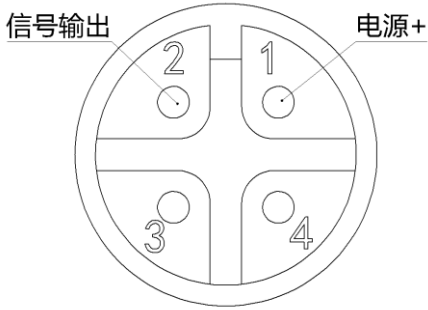
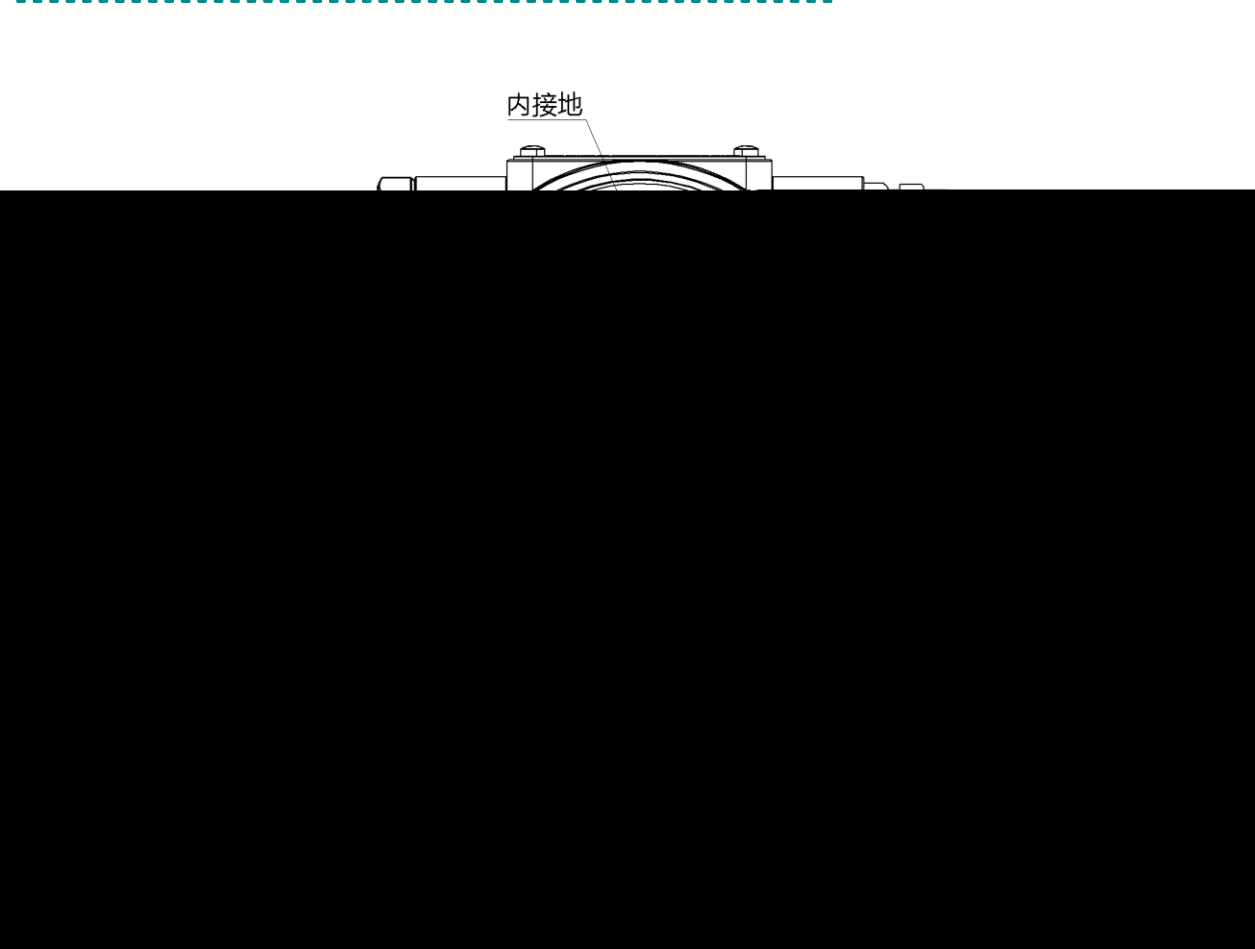


» DP1300-TG

	H N X	4-20mA HART7 4-20mA	
	1 2 3		
	A B C D E F G H	0-100Pa ~ 2kPa 0-200Pa ~ 6kPa 0-400Pa ~ 40kPa 0-2.5kPa ~ 250kPa 0-10kPa ~ 1MPa 0-30kPa ~ 3MPa 0-100kPa ~ 10MPa 0-400kPa ~ 40MPa	
	A C T M G	316L HC-276 316L	
	1 2 3	M20*1.5 1/2NPT ()	
	S D H		-40℃ ~ 205℃@ -40℃ ~ 106℃@ 0℃ ~ 315℃@ -40℃ ~ 85℃ -40℃ ~ 85℃ 0℃ ~ 85℃
	N A D		

DP1300-TA					
DP1300-TA		RST375		RSM100 Modem	
4	20mADC	HART			
»					
		LRL		URL	
6kPa	200pa	0kPa	6kPa	400kPa	
40kPa	400Pa	0kPa	40kPa	1MPa	
250kPa	2.5kPa	0kPa	250kPa	4MPa	
1MPa	10kPa	0kPa	1MPa	6MPa	





» DP1300-TA

	H N X	4-20mA 4-20mA	HART7	
	1 2 3			
	B C D E F G H	0-200Pa ~ 6kPa 0-400Pa ~ 40kPa 0-2.5kPa ~ 250kPa 0-10kPa ~ 1MPa 0-30kPa ~ 3MPa 0-100kPa ~ 10MPa 0-400kPa ~ 40MPa		
	A C T M G	316L HC-276 316L		
	1 2 3	M20*1.5 1/2NPT	()	
	S D H		-40℃ ~ 205℃@ -40℃ ~ 106℃@ 0℃ ~ 315℃@	-40℃ ~ 85℃ -40℃ ~ 85℃ 0℃ ~ 85℃
	N A D			

DP1300-YC

DP1300-YC
4 20mA DC HART

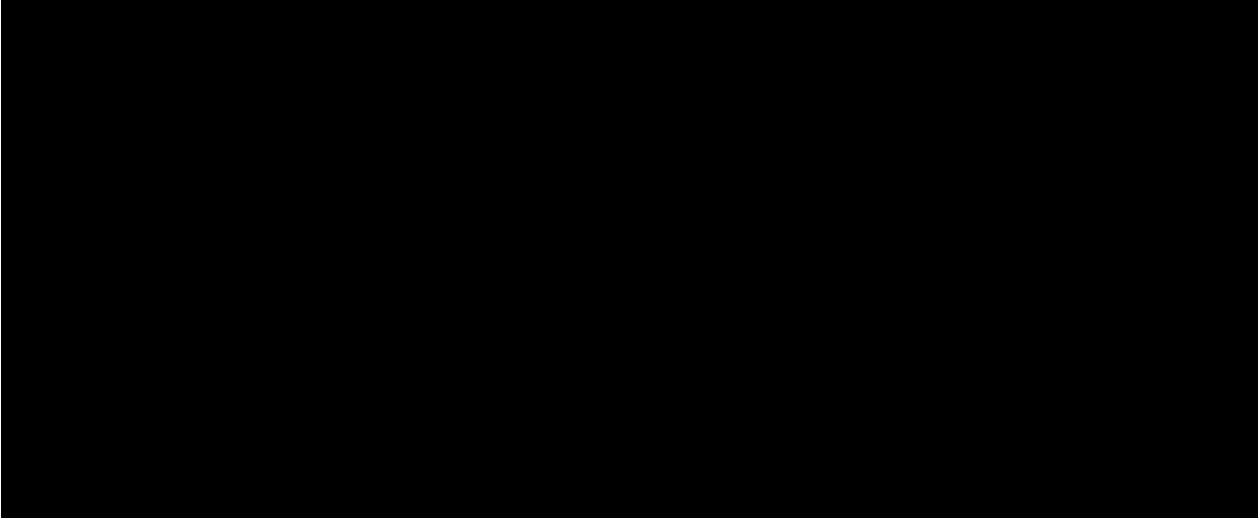
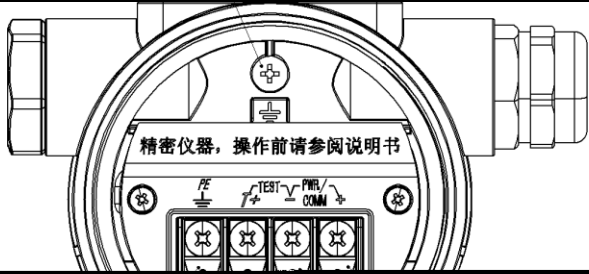
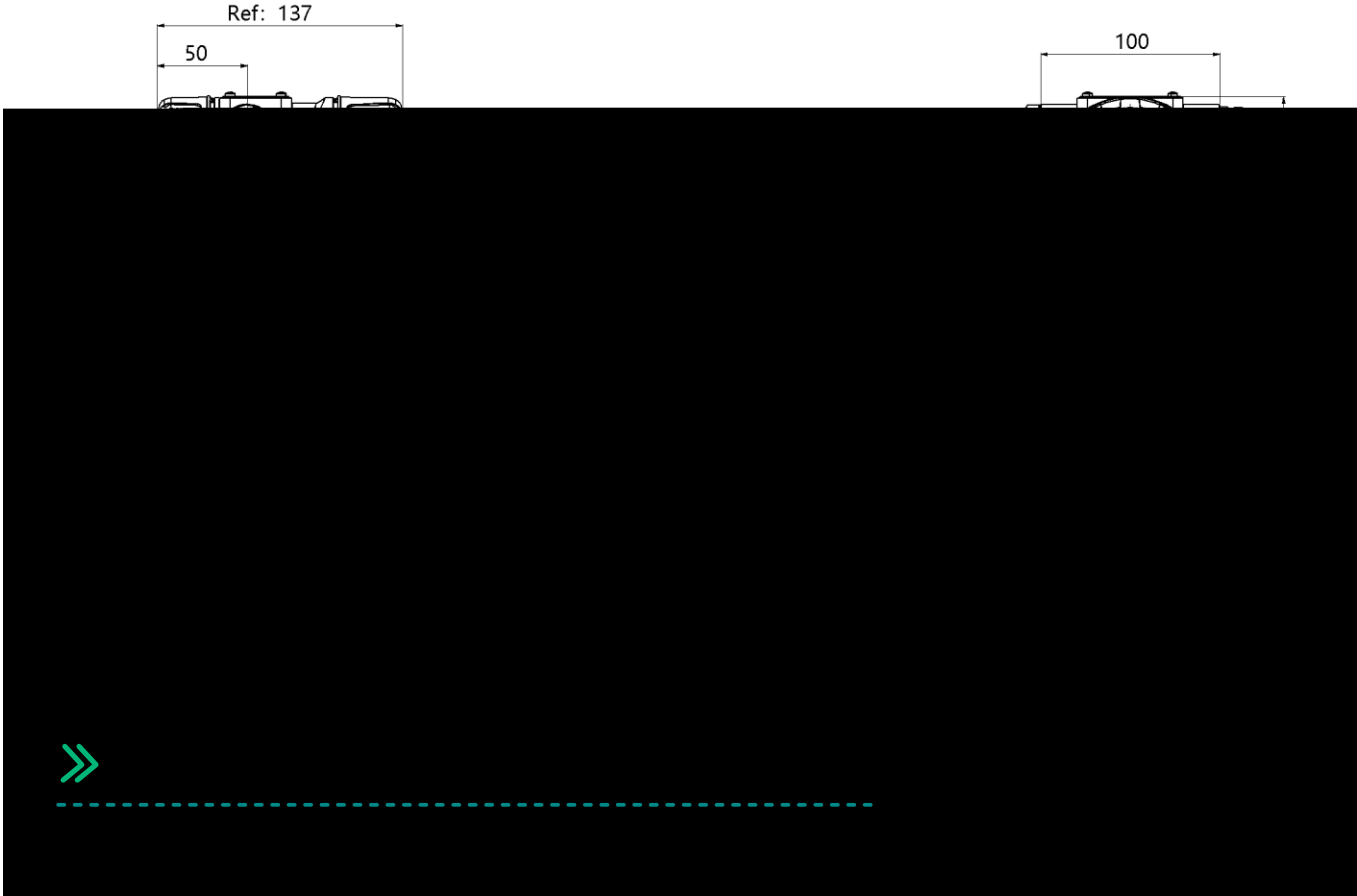
RST375

RSM100 Modem



DP1300-YC						
		LRL	URL			
6kPa	200Pa	-6kPa	6kPa	25MPa	16MPa	16MPa
40kPa	400Pa	-40kPa	40kPa	25MPa	16MPa	16MPa
250kPa	2.5kPa	-250kPa	250kPa	25MPa	16MPa	16MPa
1MPa	10kPa	-1MPa	1MPa	25MPa	16MPa	16MPa
3MPa	30kPa	-3MPa	3MPa	25MPa	16MPa	16MPa
10MPa	100kPa	-10MPa	10MPa	25MPa	16MPa	16MPa

Accuracy			
	TD≤10	±0.05%F.S.	6kPa
		±0.04%F.S.	40kPa 250kPa 1MPa 3MPa、10MPa
	TD>10	± 0.03+0.002TD %F.S.	6kPa
		± 0.02+0.002TD %F.S.	40kPa 250kPa 1MPa 3MPa、10MPa
TD(Turn down)		TD=	/
=URL()		=F.S.(URV-LRV)	



» DP1300-YC

	H N X	4-20mA HART7 4-20mA	
	B C D E F G	0-200Pa ~ 6kPa 0-400Pa ~ 40kPa 0-2.5kPa ~ 250kPa 0-10kPa~1MPa 0-30kPa ~ 3MPa 0-100kPa~10MPa	
	N 1 2 3 4 5 6 7	1/4NPT 66mm 66mm 66mm 46mm 46mm 46mm	50mm 100mm 150mm 50mm 100mm 150mm
	S T H M G N K F	316L HC-276 316L EN 1.4466 316L	
	2 1 5 6	HG/T-20592 EN1092-1 HG/T-20615 ANSI/ASME B16.5	
	A	DN25	HG/T-20592、EN1092-1

	B C D 2 3 4 X	DN50 DN80 DN100 2inch 3inch 4inch	HG/T-20592、EN1092-1 HG/T-20592、EN1092-1 HG/T-20592、EN1092-1 HG/T-20615、ANSI/ASME B16.5 HG/T-20615、ANSI/ASME B16.5 HG/T-20615、ANSI/ASME B16.5
	1 2 3 4 A B C	PN10/PN16 PN25/PN40 PN63 PN100 Class 150 Class 300 Class 600	HG/T-20592、EN1092-1 HG/T-20592、EN1092-1 HG/T-20592、EN1092-1 HG/T-20592、EN1092-1 HG/T-20615、ANSI/ASME B16.5 HG/T-20615、ANSI/ASME B16.5 HG/T-20615、ANSI/ASME B16.5
	S	316L	
	1 A B C D N	RF FM M RJ FF	
	S D H		-40℃ ~ 205℃@ -40℃ ~ 106℃@ 0℃ ~ 315℃@ -40℃ ~ 85℃ -40℃ ~ 85℃ -0℃ ~ 85℃
	1 2 3 4 5 6 7 8 9 A B	1 2 3 4 5 6 7 8 9 10 15	

	N 1 2 3 4 5 6 7	1/4NPT 66mm 66mm 66mm 46mm 46mm 46mm 50mm 100mm 150mm 50mm 100mm 150mm
	S T H M G N K F	316L HC-276 316L EN 1.4466 316L
	2 1 5 6	HG/T-20592 EN1092-1 HG/T-20615 ANSI/ASME B16.5
	A B C D 2 3 4 X	DN25 HG/T-20592、EN1092-1 DN50 HG/T-20592、EN1092-1 DN80 HG/T-20592、EN1092-1 DN100 HG/T-20592、EN1092-1 2inch HG/T-20615、ANSI/ASME B16.5 3inch HG/T-20615、ANSI/ASME B16.5 4inch HG/T-20615、ANSI/ASME B16.5
	1 2 3 4 A B C	PN10/PN16 HG/T-20592、EN1092-1 DN50 DN80 DN100 PN25/PN40 HG/T-20592、EN1092-1 DN50 DN80、DN100 PN63 HG/T-20592、EN1092-1 DN50、DN80 PN100 HG/T-20592、EN1092-1 DN50、DN80 Class 150 HG/T-20615、ANSI/ASME B16.5 2、3、4inch Class 300 HG/T-20615、ANSI/ASME B16.5 2、3、4inch Class 600 HG/T-20615、ANSI/ASME B16.5 2、3、4inch

	S	316L	
	1 A B C N	Rf FM M RJ	
	S D H		-40℃ ~ 205℃@ -40℃ ~ 106℃@ 0℃ ~ 315℃@ -40℃ ~ 85℃ -40℃ ~ 85℃ -0℃ ~ 85℃
	1 2 3 4 5 6 7 8 9 A B	1 2 3 4 5 6 7 8 9 10 15	
	N A D		

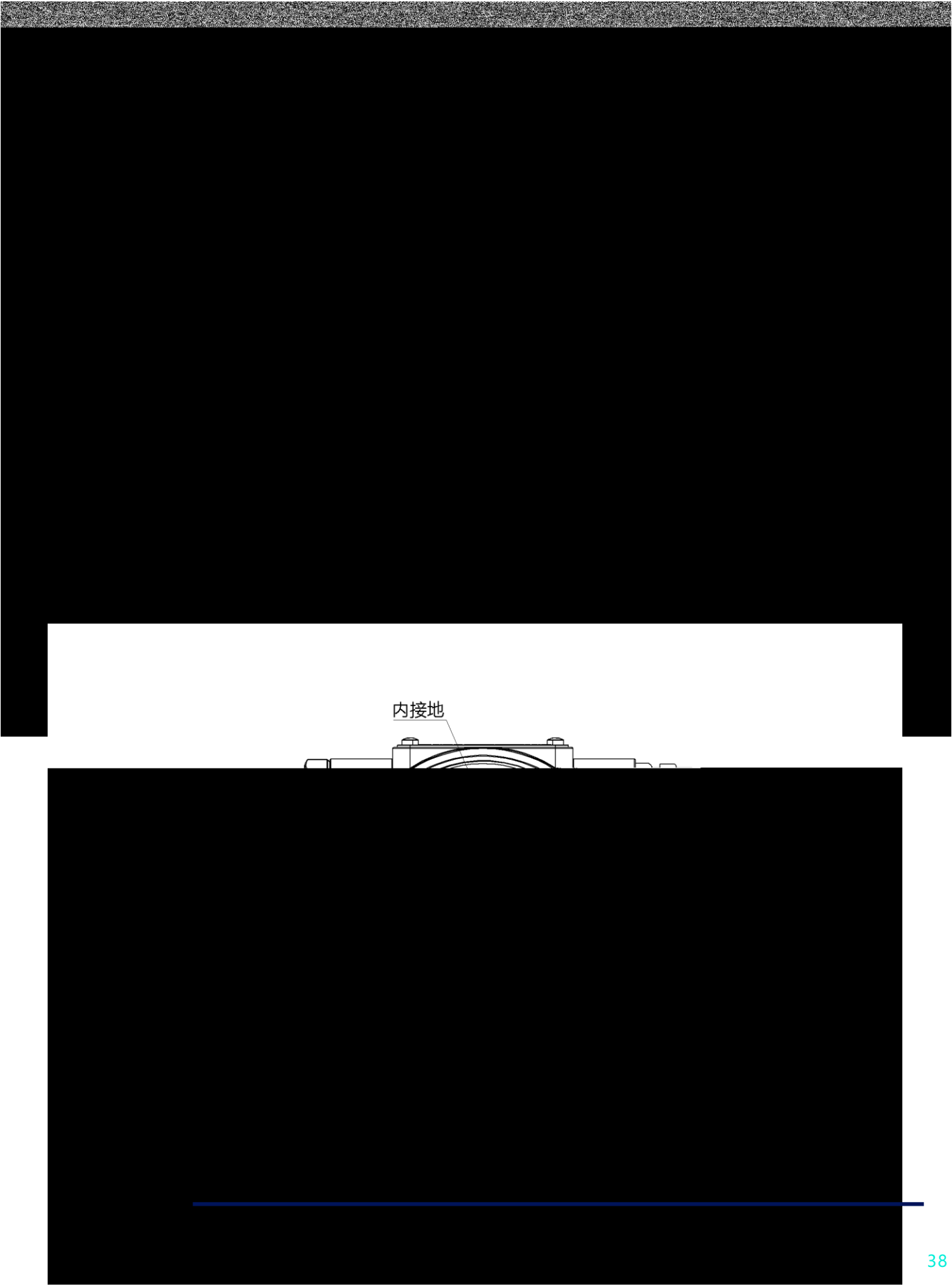
DP1300-FG

DP1300-FG RST375 RSM100 Modem 4 20mADC HART

>> LRV)UR

DP1300-FG				
		LRL	URL	
6kPa	200Pa	-6kPa	6kPa	25MPa
40kPa	400Pa	-40kPa	40kPa	25MPa
250kPa	2.5kPa	-100kPa	250kPa	25MPa
1MPa	10kPa	-100kPa	1MPa	25MPa
3MPa	30kPa	-100kPa	3MPa	25MPa
10MPa	100kPa	-100kPa	10MPa	25MPa

TD≤10	±0.05%F.S.	6kPa
	±0.04%F.S.	40kPa 250kPa 1MPa 3MPa 10MPa
TD>10	± 0.03+0.002TD %F.S.	6kPa
	± 0.02+0.002TD %F.S.	40kPa 250kPa 1MPa 3MPa 10MPa
TD(Turn down) =URL() TD= / =F.S.(URV-LRV)		

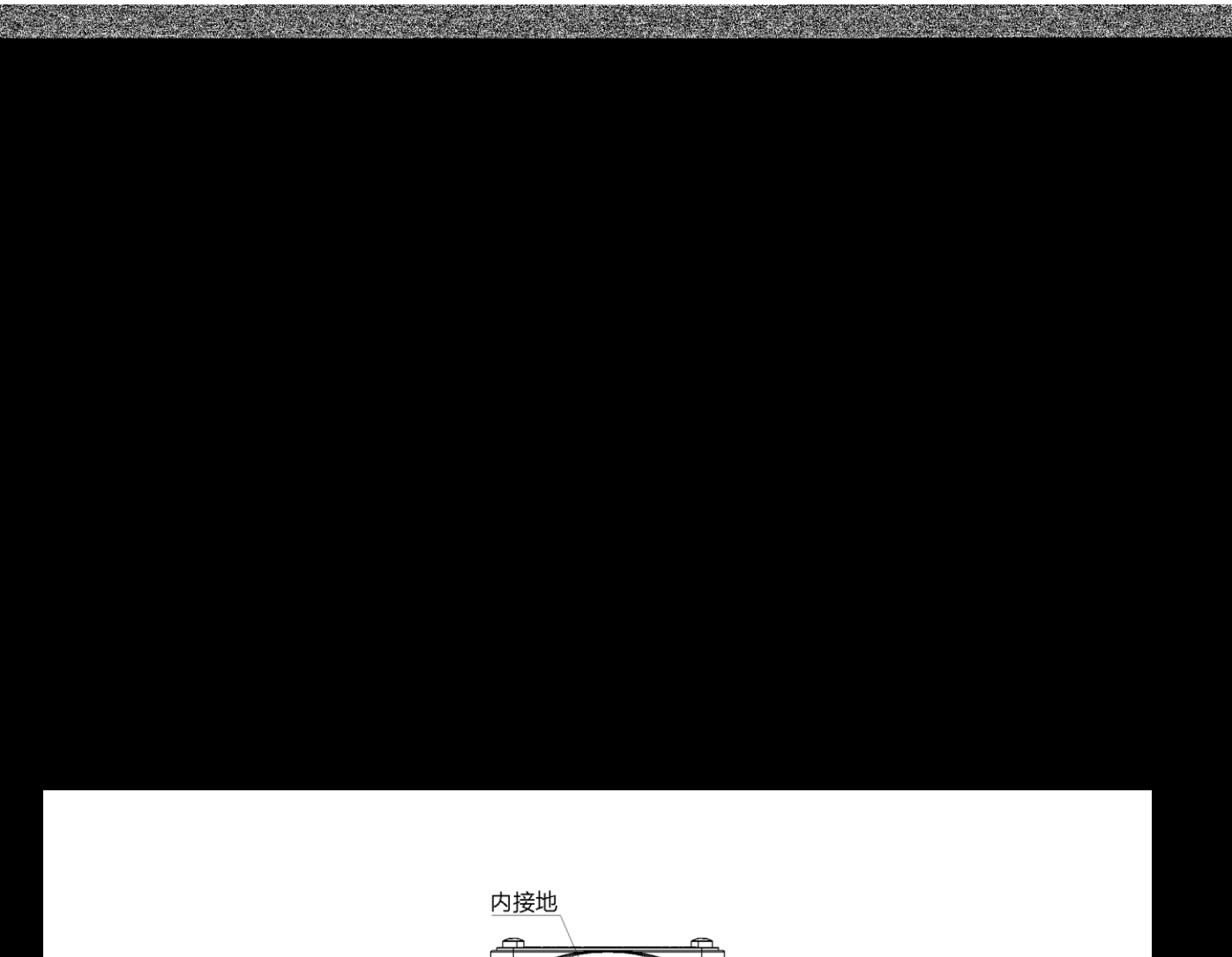


» DP1300-FG

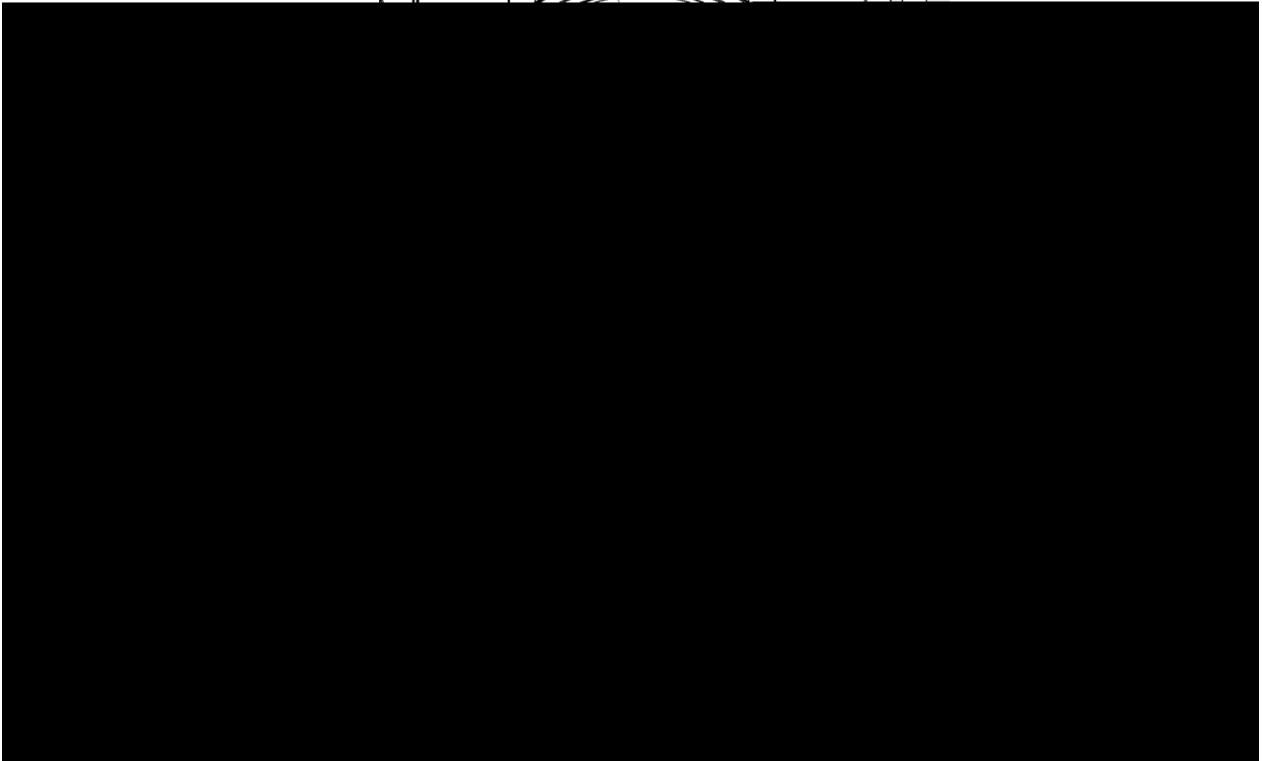
	H N X	4-20mA HART7 4-20mA
	B C D E F G	0-200Pa ~ 6kPa 0-400Pa ~ 40kPa 0-2.5kPa ~ 250kPa 0-10kPa~1MPa 0-30kPa ~ 3MPa 0-100kPa~10MPa
	1 2 3 4 5 6 7	66mm 50mm 66mm 100mm 66mm 150mm 46mm 50mm 46mm 100mm 46mm 150mm
	S T H M G N K F	316L HC-276 316L EN 1.4466 316L
	2 1 5 6	HG/T-20592 EN1092-1 HG/T-20615 ANSI/ASME B16.5

	A B C D 2 3 4 X	DN25 DN50 DN80 DN100 2inch 3inch 4inch	HG/T-20592、EN1092-1 HG/T-20592、EN1092-1 HG/T-20592、EN1092-1 HG/T-20592、EN1092-1 HG/T-20615、ANSI/ASME B16.5 HG/T-20615、ANSI/ASME B16.5 HG/T-20615、ANSI/ASME B16.5
	1 2 3 4 A B C	PN10/PN16 PN25/PN40 PN63 PN100 Class 150 Class 300 Class 600	HG/T-20592、EN1092-1 HG/T-20592、EN1092-1 HG/T-20592、EN1092-1 HG/T-20592、EN1092-1 HG/T-20615、ANSI/ASME B16.5 HG/T-20615、ANSI/ASME B16.5 HG/T-20615、ANSI/ASME B16.5 DN50 DN80 DN100 DN50、DN80、DN100 DN50、DN80 DN50、DN80 2、3、4inch 2、3、4inch 2、3、4inch
	S	316L	
	1 A B C	RF FM M RJ	
	S D H		-40℃ ~ 205℃@ -40℃ ~ 106℃@ 0℃ ~ 315℃@ -40℃ ~ 85℃ -40℃ ~ 85℃ -0℃ ~ 85℃





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