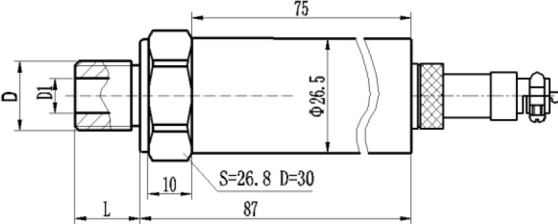
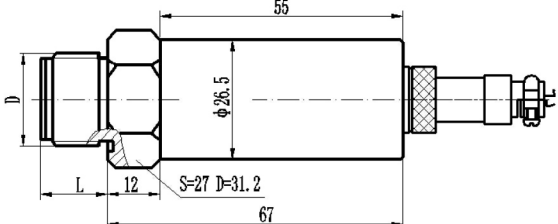
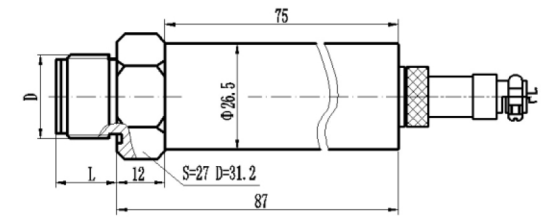
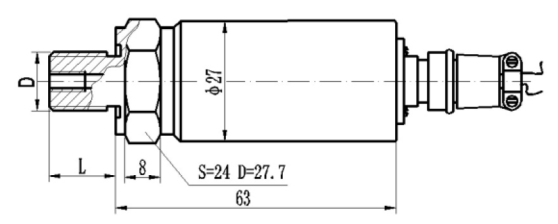
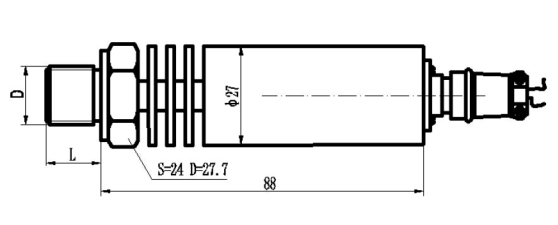
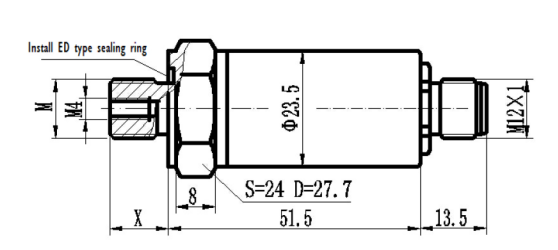
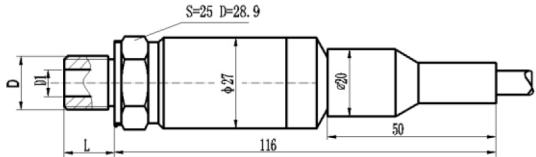
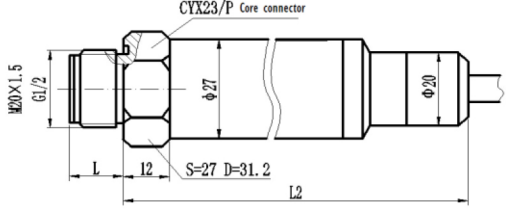
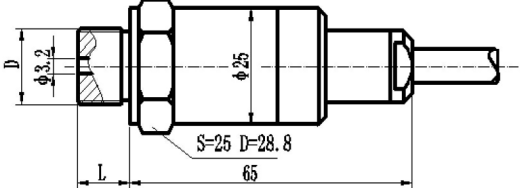
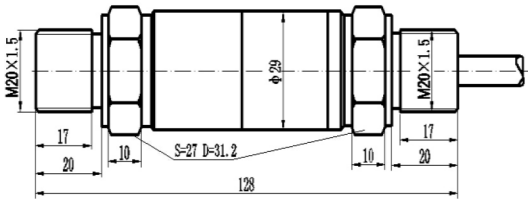
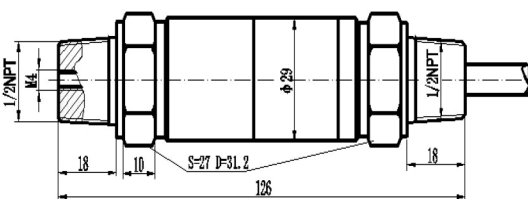
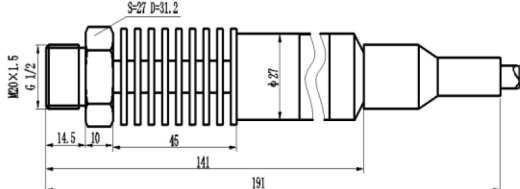
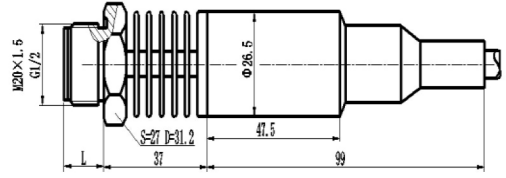


## CYB4200 SERIES PRESSURE TRANSMITTER

<p><b>CYB4283</b></p>	<ol style="list-style-type: none"> <li>Aviation connector RS485 output</li> <li>Series recommended thread optional;</li> <li>Pressure interface material can be customized;</li> <li>Protection grade IP65.</li> </ol>	 <p>Technical drawing of CYB4283 pressure transmitter showing dimensions: <math>\phi 26.5</math>, <math>S=26.8</math>, <math>D=30</math>, <math>75</math>, <math>87</math>, <math>10</math>, <math>L</math>, <math>D</math>, <math>D1</math>.</p>
<p><b>CYB4284/P</b></p>	<ol style="list-style-type: none"> <li>Plane model of aviation joint;</li> <li>Flat film structure, easy to clean;</li> <li>Pressure port M20×1.5、G1/2 is optional;</li> <li>Protection grade IP65.</li> </ol>	 <p>Technical drawing of CYB4284/P pressure transmitter showing dimensions: <math>\phi 26.5</math>, <math>S=27</math>, <math>D=31.2</math>, <math>55</math>, <math>67</math>, <math>12</math>, <math>L</math>, <math>D</math>.</p>
<p><b>CYB4285/P</b></p>	<ol style="list-style-type: none"> <li>Plane model of aviation joint;</li> <li>Flat film structure, easy to clean;</li> <li>Pressure port M20×1.5、G1/2 is optional;</li> <li>Protection grade IP65.</li> <li>RS485 output.</li> </ol>	 <p>Technical drawing of CYB4285/P pressure transmitter showing dimensions: <math>\phi 26.5</math>, <math>S=27</math>, <math>D=31.2</math>, <math>75</math>, <math>87</math>, <math>12</math>, <math>L</math>, <math>D</math>.</p>
<p><b>CYB4286</b></p>	<ol style="list-style-type: none"> <li>Standard integrated aviation connector;</li> <li>Joint ED sealing ring;</li> <li>Pressure interface material can be customized;</li> <li>Protection grade IP65.</li> </ol>	 <p>Technical drawing of CYB4286 pressure transmitter showing dimensions: <math>\phi 27</math>, <math>S=24</math>, <math>D=27.7</math>, <math>63</math>, <math>8</math>, <math>L</math>, <math>D</math>.</p>
<p><b>CYB4287</b></p>	<ol style="list-style-type: none"> <li>Aviation socket;</li> <li>Medium temperature range-40~150°C;</li> <li>The quantity of heat sink and joint material can be customized;</li> <li>Protection grade IP65.</li> </ol>	 <p>Technical drawing of CYB4287 pressure transmitter showing dimensions: <math>\phi 27</math>, <math>S=24</math>, <math>D=27.7</math>, <math>88</math>, <math>L</math>, <math>D</math>.</p>
<p><b>CYB4288</b></p>	<ol style="list-style-type: none"> <li>Connector with ED sealing ring, aviation connector;</li> <li>Full range, series recommended thread optional;</li> <li>Pressure interface material can be customized;</li> <li>Protection grade IP65.</li> </ol>	 <p>Technical drawing of CYB4288 pressure transmitter showing dimensions: <math>\phi 23.5</math>, <math>S=24</math>, <math>D=27.7</math>, <math>51.5</math>, <math>13.5</math>, <math>8</math>, <math>X</math>, <math>M</math>, <math>M12 \times 1</math>, <math>M12 \times 1</math>. Note: Install ED type sealing ring.</p>
<p><b>Liquid level outlet</b></p>		

## CYB4200 SERIES PRESSURE TRANSMITTER

<p>CYB4241</p>	<p>1、 Waterproof liquid level outlet, waterproof grade IP68; 2、 The pressure connector is optional according to the recommended table;</p>	
<p>CYB4242</p>	<p>1、 Waterproof liquid level outlet, waterproof grade IP68; 2、 Flat film structure, easy to clean; 3、 Pressure port M20×1.5、 G1/2 is optional;</p>	
<p>CYB4244</p>	<p>1、 Waterproof liquid level outlet, waterproof grade IP68; 2、 The pressure connector is optional according to the recommended table;</p>	
<p>CYB4247</p>	<p>1、 Waterproof liquid level outlet, waterproof grade IP68; 2、 Double flat thread, cable protection tube can be installed; 3、 Pressure interface material can be customized; 4、 Waterproof grade IP68.</p>	
<p>CYB4248</p>	<p>1、 Waterproof liquid level outlet, waterproof grade IP68; 2、 Double taper thread, cable protection tube can be installed; 3、 Pressure interface material can be customized; 4、 Waterproof grade IP68.</p>	
<p>CYB424K</p>	<p>1. High temperature flat film type with liquid level outlet 2. Temperature resistance of joint 200°C 3. Pressure port is M20×1.5 or G1/2; 4、 Waterproof grade IP68.</p>	
<p>CYB424L</p>	<p>1. High temperature flat film type with liquid level outlet 2. Temperature resistance of joint 150°C 3. Pressure port is M20×1.5 or G1/2; 4、 Waterproof grade IP68.</p>	



### 7.2 Selection Guide

CYB42X <sub>3</sub> X	Pressure transmitter type		
Range	Measuring range:-0.1MPa...0MPa~0.01MPa...100MPa		
xxn	Unit: kPa, The first two digit XX value is multiplied by the n-square of 10, and N is the third digit value.		
	Code name	Form of pressure	
		G	Gauge pressure type
		A	Absolute pressure type
		D	Differential pressure type
		S	Pressure gauge seal type
	Code name	Supply voltage	
		U <sub>1</sub>	24VDC
		U <sub>2</sub>	12VDC
		U <sub>3</sub>	5VDC
		U <sub>4</sub>	3VDC (3.3VDC)
		U <sub>5</sub>	Other power supply methods
	Code name	output signal	
		E <sub>1</sub>	4mA~20mADC
		E <sub>2</sub>	0mA~10mADC
		E <sub>3</sub>	0mA~20mADC
		V <sub>1</sub>	1VDC~5VDC
		V <sub>2</sub>	0VDC~5VDC
		V <sub>3</sub>	0VDC~10VDC
		V <sub>4</sub>	0.5VDC~4.5VDC
		V <sub>5</sub>	Other voltage output
		R <sub>4</sub>	RS485 communication interface
		H	HART® Protocol communication
		II	I <sup>2</sup> C Protocol communication
	Code name	Shape interface	
		Electrical interface	
		Housman socket (J1)	
		Aviation socket (J2)	
Waterproof connector (J3)			
Liquid level outlet (J4)			
Others (J5)			
Code name	Mechanical interface		
	G <sub>1/4</sub>		
	G <sub>1/2</sub>		
	G <sub>1</sub>		
	M20×1.5		
	others (Direct label)		
Code name	Additional features		
	M <sub>1</sub>	4-digit LCD digital display header (only 4mA~20mADC output)	
	M <sub>2</sub>	4-digit LED digital display header (only 4mA~20mADC output)	
	d	Flameproof ExdIICT5	
	i	Intrinsically safe explosion-proof type e xiaIICT6	
	QT	Other functions	
CYB4211 [102] G	U <sub>1</sub>	V <sub>3</sub>	J1G <sub>1/2</sub>
Complete model specifications			

Order model CYB4211 [102] G U<sub>1</sub> V<sub>3</sub> J1G<sub>1/2</sub> indicates products with model CYX4211, measuring range 1MPa, gauge pressure, 24V power supply, 0~10V

output, Horsman connector, G1/2 threaded connector.



### 8 Precautions

8.1 When the range of the product is within  $-5 \sim 5\text{kpa}$ , the sensor adopts non isolated silicon piezoresistive pressure chip, and the product can only measure non corrosive gas.

8.2 The thread of pressure interface of flat film products is limited to  $M20 \times 1.5$  or  $G1 / 2$ , please consult if you need other special threads.

8.3 When the product is at risk of being immersed or submerged, please order the liquid level outlet type, or consult.

8.4 When selecting high-temperature products, there must be good ventilation at the heat sink.

8.5 Gauge pressure products with a range of less than  $3\text{MPa}$  are equipped with vent holes or vent cables, and it is necessary to prevent the vent holes from being blocked.

8.6 The CYB4200 series has 4 ways to go out, with different protection levels, users can choose according to actual needs.