

# 3020 PRESSURE TRANSMITTER MODEL:3020



Industrial pressure transmitter Flush diaphragm type

### **Features & Benefits**

Stainless steel wetted parts

Excellent resistance to corrosive

Small figure design, any position to install

Various signal output

OEM process to fit application of the customers

# **Descriptions**

3020 Series industrial pressure transmitter adopt high performance chips, and deal with the special amplified chip, integrative configuration, and smart profile, they are widely used in the field of hydraulic pressure, medicament and sanitation, constant pressure water supply system and so on.

## **Specifications**

Ranges: -100KPa~0KPa~2500bar

Combined error:  $\pm 0.25\%$ FS;  $\pm 0.5\%$ FS,  $\pm 1.0\%$ FS

Output: 4~20mA, 0~20mA, 0~5V, 0~10V

Input voltage: 24Vdc (10~36Vdc)

Operating temperature: -40°C~125°C

Over pressure: 1.5×FS

Electric connection: M12 connector, five

Pin bendix connector

Hirschmann and direct down-lead

Process connection: G1/4, M20×1.5,

1/4NPT (Customized)

# Ф41. 2 Ф28. 2 Diaphragm 0 38

### **Dimensions:**

108



Models         Lead         Color         6PIN           O-5V; 0-10V         Signal + Blue A         Signal - Green B           3020 Series         Excitation + Red C C         C           Excitation - Yellow D         D           Models         Lead Color 6PIN           Output: 4-20mA 3020 Series         Excitation + Yellow Signal - Black B           Models         Lead Color 4PIN Signal - Blue 2 DiN43650 Excitation - Yellow Signal - White 3           Models         Lead Color 4 PIN Signal - Blue 2 DiN43650 Excitation + Yellow Signal - Black 2 Discretation - Yellow Discretation - Yellow Signal - Black 3 Discretation - Yellow Discretation - Yellow Signal - Black 3 Discretation - Yellow Discretation - Yell					
Signal - Green   B   Excitation + Red   C   Excitation + Red   C   Excitation + Yellow   D	Models	Lead	Color	6PIN	
Excitation + Red   C	Output:	Signal +	Blue	Α	F OA
Excitation - Yellow   D	0-5V; 0-10V	Signal -	Green	В	
Models         Lead         Color         6PIN           Output:         Excitation +/ Signal + Red A         A           3020 Series         Excitation +/ Signal - Black B         B           Models         Lead         Color 4PIN           Output:         Excitation + Red 1         Signal - Blue 2           DIN43650         Excitation +/ Signal - Signal + Red 1         Signal - Signal + Red 1           Dutput: 4-20mA Hirschmann DIN43650         Excitation -/ Signal + Red 1         Signal - Signal + Red 1           Dutput: 4-20mA Signal + Red Signal - Signal + Blue 3         Excitation -/ Signal + Blue 3         Signal + Red 1           Output: 4-20mA Signal + Red Signal - Signal - Signal + Red 1         Excitation -/ Signal + Blue 3         Signal + Red 1           Output: 4-20mA Signal + Signal - Signa	3020 Series	Excitation +	Red	С	Do b
Output:         Excitation +/ Signal +         Red         A           3020 Series         Excitation -/ Signal -         Black B           Models         Lead         Color 4PIN           Output:         Excitation + Red 1         1           0-5V; 0-10V DIN43650 3020 Series         Excitation -/ Signal -         White 3           Models         Lead         Color 4 PIN           Output: 4-20mA Hirschmann DIN43650 3020 Series         Excitation +/ Signal -         Black 2           Models         Lead         Color 4PIN           Output: 5ignal -         Excitation +/ Signal +         Blue 3           Models         Lead         Color 4PIN           Output: 6xcitation -/ 3020 Series         Signal -         White 4           Models         Lead         Color 4PIN           Output: 7xcitation -/ 3020 Series         Signal -         Red 1           Models         Lead         Color 4PIN           Output: 6xcitation -/ 3020 Series         Signal -         Red 1           Signal - 8lack 3         3           Models         Lead         Color           Output: 6xcitation -/ 3020 Series         Signal - 8lack 3           Models         Lead         Color           Color		Excitation -	Yellow	D	
A-20mA   Signal + Red   A	Models	Lead	Color	6PIN	
Signal -   Black   B	Output:	Excitation +/			(FOA)
Signal -   Black   B	4-20mA	Signal +	Red	Α	
Models         Lead         Color         4PIN           Output:         Excitation + Red         1           0-5V; 0-10V DIN43650         Signal + Blue         2           3020 Series         Signal - White         3           Models         Lead         Color         4 PIN           Output: 4-20mA Hirschmann DIN43650         Excitation +/ Signal + Red         1           3020 Series         Signal - Black         2           Models         Lead         Color         4PIN           Output:         Excitation +/ Signal + Blue         3           0-5V; 0-10V M12 × 1 Signal + Bcitation +/ Signal + Red         1         1           4-20mA M12 × 1 Signal + Bcitation +/ Signal - Black         3         3           Models         Lead         Color           Output:         Signal - Black         3           Models         Lead         Color           Output:         Signal + Blue         3           Models         Lead         Color           Output:         Signal + Blue         3           Models         Lead         Color           Output:         Signal - Green/White           Excitation +/ Signal + Red         Excitation +/ Signal + Red	3020 Series	Excitation -/			
Output:         Excitation +         Red         1           0-5V; 0-10V DIN43650 3020 Series         Signal +         Blue         2           Excitation -/ Signal -         White         3           Models         Lead         Color         4 PIN           Output: 4-20mA Hirschmann DIN43650 3020 Series         Excitation +/ Signal -         Black         2           Models         Lead         Color         4PIN           Output:         Excitation +/ Signal +         Blue         3           M12 × 1 3020 Series         Signal -         White         4           Models         Lead         Color         4 PIN           Output:         Excitation -/ Signal +         Red         1           4-20mA M12 × 1 3020 Series         Signal + Signal +         Red         1           M0dels         Lead         Color           Output:         Signal + Signal +         Blue           0-5V; 0-10V Cable         Signal + Excitation +/ Signal +         Red           3020 Series         Excitation +/ Signal +         Red           3020 Series         Excitation +/ Signal +         Red           4-20mA Cable         Excitation +/ Signal +         Red		Signal -	Black	В	
0-5V; 0-10V DIN43650 3020 Series Signal + Blue 2 Excitation -/ Signal - White 3    Models   Lead   Color   4 PIN	Models	Lead	Color	4PIN	
DIN43650 3020 Series   Signal -   White   3      Models	Output:	Excitation +	Red	1	$\sqrt{3}$
DIN43650	0-5V; 0-10V	Signal +	Blue	2	([~ () -])
Models         Lead         Color         4 PIN           Output: 4-20mA         Excitation +/         Signal +         Red         1           DIN43650         Excitation -/         3020 Series         Signal -         Black         2           Models         Lead         Color         4PIN           Output:         Excitation +/         Red         1           0-5v; 0-10v         Signal +         Blue         3           Models         Lead         Color         4 PIN           Output:         Excitation -/         Signal +         Red         1           4-20mA         Signal +         Red         1         Image: Application of the property of the pr	DIN43650				(GSP)
Models Lead Color 4 PIN   Output:4-20mA Hirschmann DIN43650 3020 Series Excitation +/ Signal + Excitation -/ Signal - Black 2   Models Lead Color 4PIN   Output: 0-5V; 0-10V M12 × 1 3020 Series Excitation + Signal - Excitation +/ Signal + Excitation -/ Signal + Excitation -/ Signal - Excitation -/ Signal - Excitation -/ Signal - Excitation +/ Excitation + Excitation + Excitation + Excitation + Excitation + Excitation + Excitation + Red Excitation - Signal - Excitation - Excitation - Excitation - Yellow   Models Lead Excitation - Yellow   Output: Excitation - Excitation -/ Signal + Excitation -/ Excitation -/ Signal + Excitation -/ Excitation -/ Signal + Excitation -/ Excitation -/ Excitation -/	3020 Series	Signal -	White	3	
Output: 4-20mA Hirschmann DIN43650 3020 Series Signal - Black Output: Excitation -/ 3020 Series Signal - Blue 0-5V; 0-10V M12 × 1 3020 Series Signal - White 4-20mA M12 × 1 Signal + Red Models  Lead Color Output: Excitation -/ 3020 Series Signal - White 4-20mA M12 × 1 Signal + Red M12 × 1 Signal + Red M12 × 1 Signal + Red M12 × 1 Signal - Blue Signal - White A-20mA M12 × 1 Signal - Black Models  Signal - Black Models  Signal - Blue O-5V; 0-10V Signal - Blue Signal - Blue Signal - Blue Signal - Green/White Excitation +/ Red 3020 Series Excitation - Yellow  Models  Lead Color Output: Signal - Red Signal - Red Color Output: Signal - Red Excitation - Yellow  Models  Lead Color Output: Excitation -/ Signal + Red Excitation -/	Models		Color	4 PIN	
Hirschmann DIN43650 3020 Series Signal + Red 1 Excitation -/ Signal - Black 2  Models  Color 4PIN  Output: 0-5V; 0-10V M12 × 1 3020 Series Signal - Blue 3 Excitation -/ Signal + Blue 3 Excitation -/ Signal - White 4  Models  Color 4 PIN  Output: 4-20mA M12 × 1 Signal + Red 1 Excitation -/ Signal - Black 3  Models  Lead  Color  Output: Signal - Black 3  Models  Lead  Color  Output: Signal - Blue 0-5V; 0-10V Signal - Blue 0-5V; 0-10V Signal - Blue 0-5V; 0-10V Signal - Green/White Excitation - Red 3020 Series Excitation - Yellow  Models  Lead  Color  Output: Signal + Red Excitation - Yellow  Models  Excitation - Yellow  Excitation -/ Signal + Red Excitation -/ Excitation -/ Excitation -/ Excitation -/			00.0.		$\overline{}$
DIN43650 3020 Series    Signal -   Black   2			Red	1	
Signal -   Black   2				-	
Models  Output:  0-5V; 0-10V M12 × 1 Signal + Blue 3 Excitation -/ Signal - White 4   Models  Output:  4-20mA M12 × 1 Signal + Red 1 Excitation +/ Signal + Red 1 Excitation -/ Signal + Red 1 Excitation -/ Signal - Black 3  Models  Color  Output: Signal - Black 3  Models  Lead Color Output: Signal - Blue Signal - Blue Signal - Blue Signal - Blue Signal - Green/White Excitation -/ Signal - Red Signal - Red O-5V; 0-10V Cable Excitation + Red Signal - Red Signal - Red Signal - Red Signal - Red Excitation - Yellow  Models  Lead Color  Output: Excitation - Yellow  Models  Lead Color  Output: Excitation - Yellow  Models  Lead Color  Excitation -/ Signal + Red Excitation -/ Excitation -/	3020 Series		Black	2	(65)
Output:         Excitation +         Red         1           0-5V; 0-10V M12 × 1         Signal +         Blue         3           Excitation -/ 3020 Series         Signal -         White         4           Models         Lead         Color         4 PIN           Output:         Excitation +/ Signal +         Red         1           M12 × 1         Excitation -/ 3020 Series         Signal - Signal +         Blue           0-5V; 0-10V Cable         Signal + Excitation +         Red           3020 Series         Excitation - Excitation -         Yellow           Models         Lead         Color           Output:         Excitation +/ Signal + Red         Red           Cable         Excitation -/ Excitation -/         Red	Models				
O-5V; O-10V M12 × 1 Signal + Blue 3 Excitation -/ Signal - White 4  Models  Lead Color 4 PIN  Output: 4-20mA M12 × 1 Signal + Red 1 Excitation -/ Signal - Black  Models  Lead Color  Output: Signal - Black 3  Models  Lead Color  Output: Signal - Blue O-5V; O-10V Signal - Signal - Blue Green/White Excitation - Figure - Signal -					
M12 × 1 3020 Series  Signal -  White 4  Models  Lead  Color 4 PIN  Output:  4-20mA  M12 × 1  Signal +  Excitation -/ Signal -  Signal -  Black  Models  Lead  Color  Output:  0-5V; 0-10V  Cable  Excitation +  Cable  Excitation -  Signal +  Red  Color  Green/White  Excitation +  Red  3020 Series  Excitation -  Yellow  Models  Lead  Color  Output:  Excitation +  Red  Signal +  Red  Color  Output:  Excitation +  Red  Signal +  Red  Color  Output:  Excitation +  Red  Signal +  Red  Color  Output:  Excitation -/  Signal +  Red  Excitation -/  Signal +  Red  Excitation -/  Signal +  Red		Signal +	Blue	3	
Models  Lead  Color 4 PIN  Output:  4-20mA	M12 × 1		N department of the second	30000	30
Models  Lead  Color 4 PIN  Output:  4-20mA  M12 × 1  3020 Series  Signal -  Excitation +  Red  3020 Series  Excitation -  Yellow  Models  Lead  Color  Output:  Excitation -  Yellow  Models  Lead  Color  Output:  4-20mA  Cable  Excitation -/  Signal +  Red  Excitation -/  Signal +  Red  Excitation -/	3020 Series	Signal -	White	4	
Output: 4-20mA M12 × 1 Signal + Red 1 Excitation -/ 3020 Series Signal - Black 3  Models Lead Color Output: 0-5V; 0-10V Signal - Green/White Cable Excitation - Yellow  Models Lead Color  Output: 4-20mA Cable Excitation +/ Signal + Red Cable Excitation -/ Signal + Red Excitation -/ Signal + Red Excitation -/	Models		Color	4 PIN	
4-20mA Signal + Red 1  M12 × 1  3020 Series Signal - Black 3  Models Lead Color  Output: Signal - Blue  0-5V; 0-10V Signal - Green/White  Cable Excitation + Red  3020 Series Excitation - Yellow  Models Lead Color  Output: A-20mA Signal + Red  Cable Excitation -/  Excitation -/  Signal + Red  Cable Excitation -/	Output:	Excitation +/			
M12 × 1 3020 Series    Signal -   Black   3	_	Signal +	Red	1	$\left( \begin{array}{ccc} \left( \begin{pmatrix} 2 & 0 & 04 \end{pmatrix} \right) & \left  \begin{array}{ccc} & \left  \begin{array}{ccc} & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ \end{array} \right)$
Models  Lead  Color  Output:  0-5V; 0-10V  Signal - Green/White  Excitation + Red  3020 Series  Excitation - Yellow  Models  Lead  Color  Output:  4-20mA  Cable  Excitation -/  Excitation -/  Excitation -/	<b>M1</b> 2 × 1				3°
ModelsLeadColorOutput:Signal +Blue0-5V; 0-10VSignal -Green/WhiteCableExcitation +Red3020 SeriesExcitation -YellowModelsLeadColorOutput:Excitation +/Red4-20mASignal +RedCableExcitation -/	3020 Series	Signal -	Black	3	
0-5V; 0-10V Cable Excitation + Red 3020 Series Excitation - Yellow  Models Cable Excitation +/ 4-20mA Cable Excitation -/ Excitation -/ Excitation -/	Models		Color		
Cable Excitation + Red 3020 Series Excitation - Yellow  Models Lead Color  Output: Excitation +/ 4-20mA Signal + Red Cable Excitation -/	Output:	Signal +	Blue		
Cable Excitation + Red 3020 Series Excitation - Yellow  Models Lead Color  Output: Excitation +/ 4-20mA Signal + Red Cable Excitation -/	0-5V; 0-10V	Signal -	Green/White		
Models  Lead  Color  Output:  4-20mA Cable  Excitation -/  Excitation -/	Cable		Red		
Output: Excitation +/ 4-20mA Signal + Red Cable Excitation -/	3020 Series	Excitation -	Yellow		
4-20mA Signal + Red Cable Excitation -/	Models	Lead	Col	or	
Cable Excitation -/	Output:	Excitation +/			
		Signal +	Re	d	
3020 Series   Signal -   Black	Cable	Excitation -/			
	3020 Sorios	Signal -	Black		

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