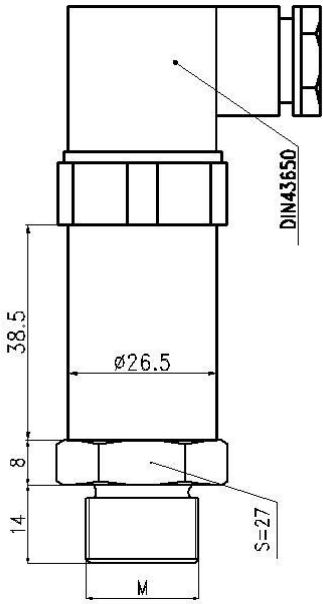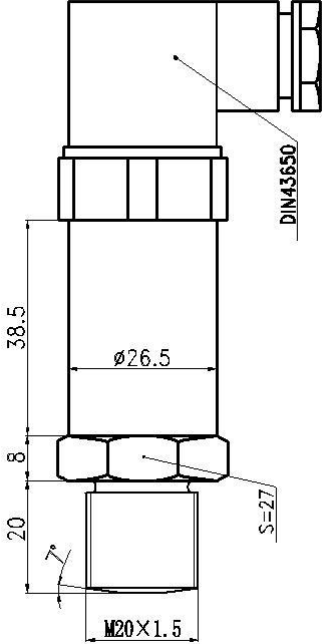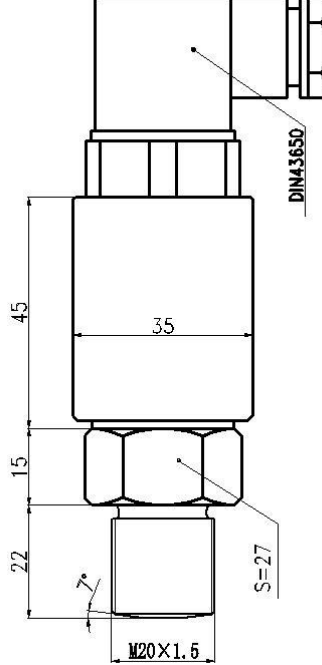## PCM330 High Range Pressure Transmitter

Features

- Measuring diaphragm and pressure interface one-piece structure
- Thread interface USES 7 degrees of taper sealing surface
- Resistance to vibration, the instantaneous pressure impact resistance
- Can measure pressure up to 600MPa
- With German import plugs, IP65 standard seal

PCM330 high range pressure transmitter chooses high precision foil strain gauge as sensing element, has a unique integrated elastic structure, good stability and reliability. Signal processing circuit is located in the stainless steel casing, which has the circuit through strict aging process processing, at the same time also has a good linear compensation function. This product is mainly used for high pressure, super high pressure and impact pressure greatly.
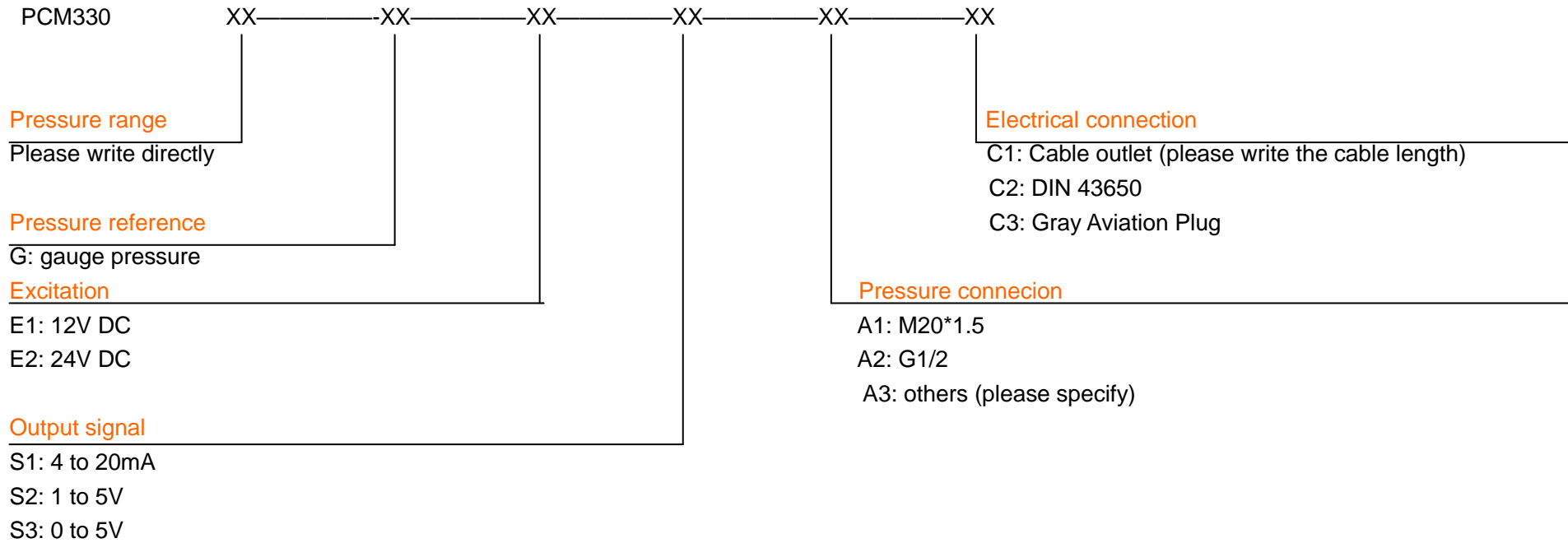
Pressure range	
Pressure range	0～40…600MPa
Pressure reference	Gauge pressure
Overpressure	125%FS
Burst pressure	150%FS
Output signal	
Output	4 to 20mA | 0 to 10V | 1 to 5V | 0 to 5V | 4 to 20mA +HART
Specification	
Accuracy (linearity, repeatability and hysteresis)	±0.5%FS | ±0.25%FS | ±0.1%FS
Excitation	9～30VDC
Compensated temp.	0～70℃ | -20～85℃
Operating temp.	-40～85℃ | -40～120℃
Insulation resistance	≥500MΩ
Zero temp. coefficient	±0.2%FS/10℃
Span temp. coefficient	±0.2%FS/10℃
Load resistance for current loop	≥[(Vs-6.5V)/0.02A]Ω
Mechanical interface	M20×1.5; G1/4"; special thread can be customized
Electrical interface	DIN | DIN with digital display | Aviation Plug | Spring Direct | Polyurethane sheath | 2088 etc. optional
Life time	≥5million times cycles
Long-term stability	≤±0.15%FS/Year

40MPa≤R＜100MPa	100MPa≤R≤350MPa	400MPa≤R≤600MPa
Threaded port is equipped with a buffer	7 degrees taper sealing	7 degrees taper sealing

Electrical connection

Cable outlet		Aviation Plug DIN43650		Gray Aviation Plug		
Current （2 wire）	Voltage （3 wire）	Current （2 wire）	Voltage (3 wire)	Current （2 wire）	Voltage (3 wire)	Voltage (3 wire)
Red：Power+ Black：Signal+	Red：Power+ Black：Ground Green：Signal+	Red (1)：Power+ Black (2)：Signal+	Red (1)：Power+ Black (2)：Ground Green (3)：Signal+	Black (1)：Signal+ Red (4)：Power+	Black (1)：Signal+ Green (3)：Ground Red (4)：Power+	Black (1)：Signal+ White(2)：-12V Green (3)：Ground Red (4)：+12V

PCM330 　　　XX————-XX————XX————XX————XX————XX

Pressure range

Please write directly

Pressure reference

G: gauge pressure

Excitation

E1: 12V DC

E2: 24V DC

Output signal

S1: 4 to 20mA

S2: 1 to 5V

S3: 0 to 5V

Electrical connection

　C1: Cable outlet (please write the cable length)

　C2: DIN 43650

　C3: Gray Aviation Plug

Pressure connecion

　A1: M20*1.5

　A2: G1/2

　A3: others (please specify)

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Contact us

Nanjing Wotian Technology Co., Ltd.

Add: 5 Wenying Road, Binjiang Development Zone, Nanjing, 211161, China

Sales Manager: Wuzhou Lian

MP: 0086-13998828452

Email: lianwuzhou@wtsensorus.com