MYYC-X Pressure Gauge with Transmission Output

MYYC-X Pressure Gauge with Transmission Output are widely used in the pressure measurement and control of various media in the process flow with high requirements for corrosion and vibration resistance in the industrial departments such as petroleum, chemical industry, chemical fiber, metallurgy and power station.

The instrument can convert the pressure value of the measured medium into various signals such as current and voltage. So as to transmit the measured value over a long distance and finally achieve the matching with the secondary instrument in the central control room. In order to realize the automatic detection and control of the production process, it also has a mechanical pressure instrument pointer to directly indicate the pressure, which is convenient for on-site process inspection and adjustment.

The mechanical indicating part of the instrument adopts the elastic element pressure measuring mechanism. The electrical part of the transmitter adopts the diffused silicon pressure sensor as the pressure to electricity conversion element. The shell of the liquid contacting part of the instrument is made of stainless steel with the protection grade of IP65, which is suitable for anti-vibration liquid filling of the pressure indicating instrument.

Technical Specification

Accuracy of transmission output: 0.25%

Accuracy of Field instructions: 1.6%

Temperature: - 10 ℃ ~ + 55 ℃

Temperature effect: no more than ± 0.5% 10 ℃ (the operating temperature deviates from 20 ± 5 ℃)

Transmission output signal: 4~20mA, 0.5~4.5V, 0~10mA, 0~20mA, 0-5V, 0-10V

Nominal Dial Size (mm): 4"(100mm), 6"(150mm)，8"(200mm)

Socket: Bottom mount, Center back mount, or Lower back mount

Connection thread: NPT, BSP, BSPT, PT, ZG, or other customized.

Material: 304SS or 316SS

Bezel: SS crimped-on

Window (Lens): Polycarbonate lens or safety glass lens

Liquid: Glycerin, silicone, oil fill-able, or without liquid

Dial plate: Single or dual scale

Tube Element Shape: P≤100 bar in C tube; P＞100 bar in helicoid

Operating Temperature: Ambient temperature -10°~+80°C; Medium temperature 110°C Max.

Temperature Error: Additional error when pressure element temperature deviates from reference temperature +20°C（+68°F）, is ±0.4% / 10°C（50°F） rising or falling

Over Pressure Limit: 130% of F.S.P ≤ 100 bar; 115% of F.S.P＞100 bar

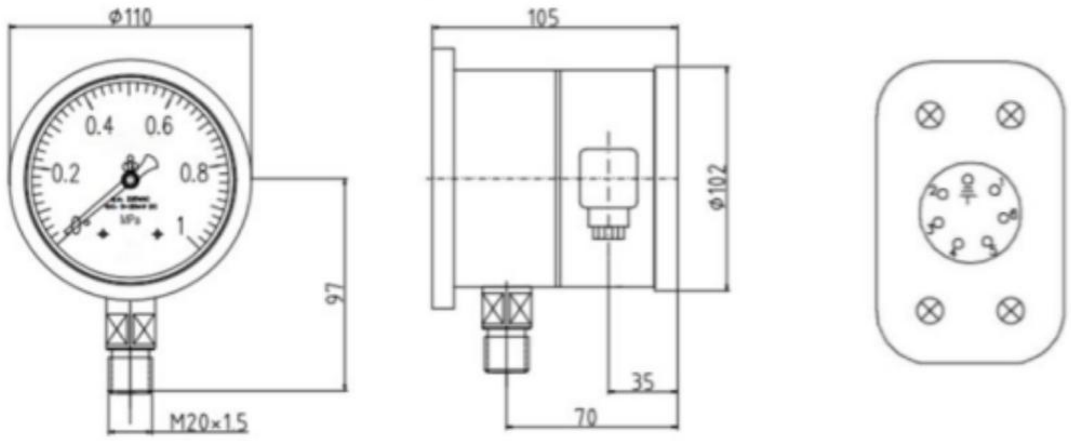
Ingress Protection: IP54

Transmission Protection: IP65

Model Selection:

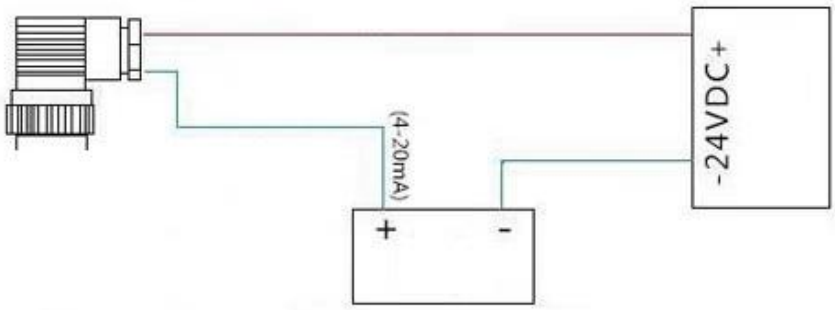
MYYC	Pressure Gauge with Transmission Output	
-	Dial diameter	E.g. -100 (100mm), or -4". etc.
-	(Pressure range)	e.g. (0-10bar) or (0-1MPa) etc.
-	Type	None: bottom installation connection Z: back center installation connection ZD: back bottom installation connection T: edge flange installation connection
-	Material	-S4: 304 case and 304 wet parts -S5: 304 case and 316 wet parts -S6: 316 case and 316 wet parts -S0: user specified
-	Filling	D: dry DF: dry but can be filled N: vibration-proof glycerin filled
-A	Installment type	1: thread 2: flange 3: clamp 4: customer specified
-	Size of installment	e.g. for A1, -1/2BSP or -M20*1.5 etc.; For A3, -2" or 3" etc.

Dimensions:



Wirings：

2-wires:



3-wires: