

TEKSENS

YX18-F Series Explosion Proof Type Pressure Switch

PRODUCT DATA



Overview

YX18 intelligent pressure controller is an intelligent digital pressure measurement and control product integrating pressure measurement, display, output and control. It's flexible to use, simple to operate, easy to debug, safe and reliable.

Application

It is widely used in the following industries:

- Hydropower,
- Tap water,
- Petroleum,
- Chemical,
- Mechanical,
- Hydraulic

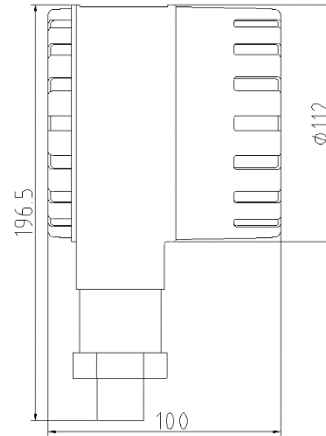
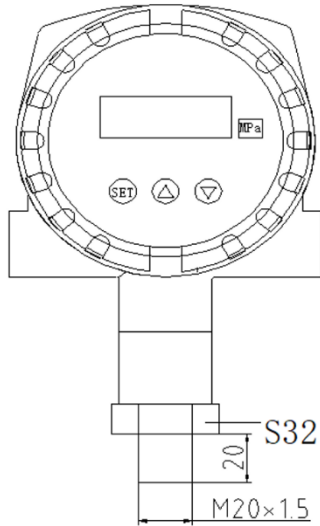
Features

- 4-digit LED displays the current pressure value;
- The pressure preset switch point and hysteresis switch output time can be set by yourself;
- The switching value can be arbitrarily set between zero and full scale;
- It is equipped with node action light-emitting diodes for easy observation;
- Button adjustment and on-site setting of various parameters;
- Multi-channel switch, analog signal combined output;
- 24VDC or 220VAC power supply mode is available for your option.

Technical Specifications

- Measuring range: -0.1~0~60MPa
- Protection: IP65
- Stability: $\leq 0.1\%$ /year
- Display type: 0.56" LED
- Working temperature: $-30^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (High temp can be customized)
- Ambient temperature: $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
- Relatively humidity: $\leq 80\%$
- Process connection: M20x1.5 (other can be customized)
- Conduit connection: M20x1.5
- Accuracy: $\leq 0.5\%$
- Pressure type: gauge pressure
- Power supply: 24VDC or 220VAC
- Contact rating: DC 24V-1A or AC 250V-3A
- Display range: -1999~9999
- Wetted material: stainless steel
- Output: switch output, analog output

Dimension



Model Selection

Model								Description
YX18	-□	/□	/□	/□	/□	/□	/□	
Type	F							Explosion proof
Measuring range		PF						-0.1~0MPa
		PL						0~10MPa
		PH						0~60MPa
Output type			1					1-way switch output
			2					2-way switch output
			3					3-way switch output
			4					4-way switch output
			5					1-way switch output & Analog output
			6					2-way switch output & Analog output
			7					3-way switch output & Analog output
			8					4-way switch output & Analog output
Power supply				D				DC 24V
				A				AC 220V
Process connection					1			Thread M20x1.5
					2			Flange
					3			Others
Wetted material						S4		SS304
						S6		SS316