

QYK103

Smart Digital Pressure Switch

Overview

QYK103 Smart Pressure Switch is an intelligent digital pressure switch. It integrates functions of measuring, display, output and control all in one. Which offers a multitude of advantages in comparison with mechanical pressure switches. It has impressive features such as greater accuracy, long-term stability and high number of switching cycles. The smart pressure switch is used in hydroelectricity, city water, oil, chemical, machinery, hydraulic system etc.

Features

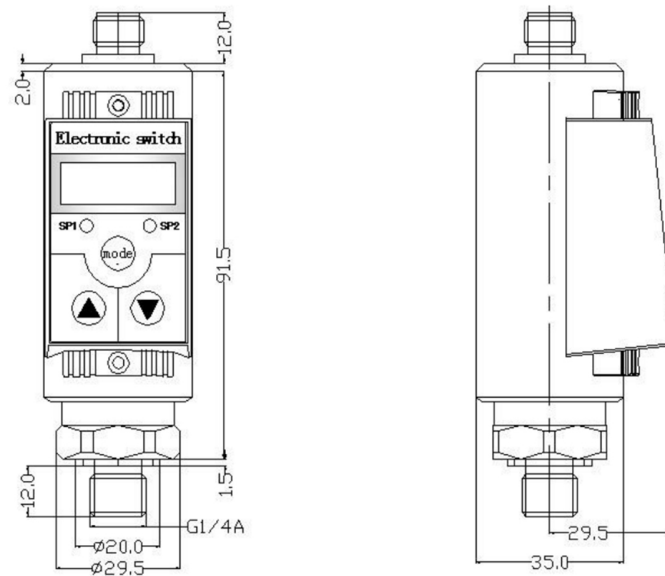
- Can be rotated 330° in the longitudinal axis and display
- Tight installation spaces
- 4-digit LED display, adjustable via keypad
- 2 PNP-transistor switching outputs
- Load capacity is 1.2A
- Analog signal output (4~20mA)



Performance Parameter

Measuring Range	-0.1~0~100Mpa
Switch Type	PNP/NPN
Power Supply	10~30VDC
Accuracy	0.5%F.S
Thread	M10*1/G1/2/G1/4/G1/8/NPT1/2NPT1/4/NPT1/8(Customizable)
Output	Two-way switch+4-20mA
Load Capacity	<24V1.2A
Response Time	<5ms
Display	4-digit digital tube
Shell Material	SS304
Overload	150%
Operating Temperature	-10°C~80°C
Medium Temperature	-40°C~80°C (≥80°C Cooling Part)
Relative Humidity	≤80%
Temperature Excursion	±0.02%/°C
Long-term Stability	±0.2%F.S/Year
Protection	IP65

Dimensions



Ordering Guide

QYK103	Smart Digital Pressure Switch	
P	Code	Switch Type
	P	PNP
	N	NPN
5	Code	Accuracy
	5	0.5%F.S
5MPa	Code	Measuring Range
	(0-X)MPa	X (Actual required range)
G14	Code	Thread
	G14	G1/4
	NPT14	NPT1/4
	G12	G1/2
	NPT12	NPT1/2
	G38	G3/8
	Customized	
S4	Code	Wetted Material
	S4	SS304
	S6	SS316L
	SP	PTFE
	SM	Special Materials