

KPS100 General Pressure Transmitter

Introduction

KPS100 pressure transmitter uses diffused silicon pressure core as the sensing element, selects the all-digital circuit, the overall performance is stable and reliable, can carry on the long-distance signal transmission. All stainless-steel structure, easy to install. Has the extremely high anti-interference and the anti-impact ability. Widely used in pneumatic, hydraulic, water supply, fire protection, environmental protection, medical and other industries.

Feature

- All stainless-steel construction
- 316L stainless steel diaphragm
- High precision, long - term stability
- Strong anti - interference, anti - vibration, anti - impact
- Protection level IP65
- Wide range, can measure absolute pressure, gauge pressure and seal gauge pressure



Parameter

Pressure range	-0.1...0~100Mpa	Accuracy	≤0.5% (default), 0.25%F.S
Stability	≤0.1%/year	Overload	≤200%F.S
Power Supply	12-30VDC	Wiring Way	A variety of optional
Protection	IP65	Relative Humidity	0~90%RH
Environment temperature	-30~80°C	Medium temperature	-40~150°C

Order Information

KPS100	Universal Pressure Transmitter			
	Range		Pressure range: -0.1MPa...0~100MPa	
	[0~X] bar		X: Actual pressure range	
		Code		Signal output
		I		4~20mA
		V		0V~5V/10V
		R		RS485
			Code	Electric connection
			H	Hirsman
			M	M12
			P	PG7 Cable
			Code	Thread connection
			M20	M20×1.5
			G14	G1/4
			G12	G1/2