

Adjustable Pilot Valves

Adjustable Pilot Valve is used in Gas Drive WHCP and also is applicable for places in which there is no electrical power and it is used as mechanical pressure switch.

KARDANAN SHARGH Adjustable Pilot Valves offer accurate, reliable operation to insure years of dependable operation even in the most severe applications. Models are available to sense a wide range of pressures up to 10,000 PSI (690 BAR). Standard pneumatic supply and output pressure is 30 PSI.

KDAP Model

The KDAP model offers high or low pilot functions in a wide range of pressures. Either high or low sensed limits may be dialed directly into the device. Both high and low pilots are available in a number of ranges from 25 to 10,000 PSI. Supply and output are 30 PSI. This unit is the panel mountable and is usually used in control panels.



Specifications:

Body Material.....	SS316L
Nominal Pneumatic Supply Pressure	30 PSI (2.07 BAR)
Operating Temperature	-20° to 80°C
Weight	App. 2 kg (KDAP)
Low Set Point Repeatability	1.5% Full Scale
High Set Point Repeatability	1.5% Full Scale
Hysteresis Dead Band (Trip or Reset) When Output Signal Restored Automatically.....	5%
In compliance with	NACE MR0175 / ISO 15156-3(2019) UNS S31603
Dimensions (mm)	83 × 190 × 164 (W x H x D) (KDAP)

Applications

Model KDAP may be used to automatically close a critical valve when line pressure goes outside preset limits high or low. When pressures return to normal, the pilot sends a signal that permits the valve to open.

KSDA Model

The KSDA model offers high and low pilot functions in a wide range of pressures. Both high and low sensed limits may be dialed directly into the device. Both high and low pilots are available in a number of ranges from 25 to 10,000 PSI. Supply and output are 30 PSI.



Installation

The Model KDAP must be permanently mounted in the vertical position, and should be mounted in weathertight panel or console to protect it from unusually severe dust, oil, or grit contamination.

Installation

In KSDA Model, high and low pilots and their respective gauges are mounted on a common box. This model could be not only installed on front panel of GAS DRIVE WHCP, but also it could be installed separately on oil and gas transmission lines as a mechanical pressure switch.

Installation

In This model could be not only installed on front panel of GAS DRIVE WHCP, but also it could be installed separately as low or high pilot on oil and gas transmission lines as a mechanical pressure switch.

Linear Scale Type Adjustable Pilot Valve

KARDANAN SHARGH Linear Scale Type Adjustable Pilots offer accurate, reliable operation to insure years of dependable operation even in the most severe applications. Models are available to sense a wide range of pressures up to 680 BAR. Standard Hydraulic/Pneumatic supply and output pressure is 145 PSI.

