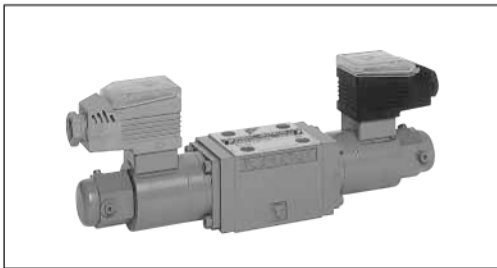


Direct type solenoid proportional switching valve



Features

- The valve switching four directions enables the control of the actuator's round process.
- This valve itself can be used for a shock-less switching valve.
- With a differential transformer
 - A proportional solenoid directly drives a spool and detects the variation of the position, carrying out a feed back control for the spool position.
- The combination of a pressure compensation valve and an exclusive driver makes it possible to do a proportional flow control in high accuracy.
- Without differential transformer
 - Mounts an exclusive driver (ZDN-2-10).
 - The combination with a pressure compensation valve enables it to use as an easy type flow control valve.

Specifications

Model code	Nom. Dia.	Max. operating pressure MPa {kgf/cm ² }	Rated flow rate ★1 L/min	Permissible back pressure MPa {kgf/cm ² }	Hysteresis resolution power repeated characteristics	Weight kg	
						Double solenoid	Double solenoid
KSP-G02-**1-10	1/4	35 {350}	10	2.5 {25}	5% or less	2.7	2.1
KSP-G02-**2-10			18				
KSP-G02-**1-10-M			10		0.5% or less	3.1	2.5
KSP-G02-**2-10-M			18				
KSP-G02-**3-10-M			30				
KSP-G03-**4-10	3/8		40	16 {160}	8% or less	6.5	4.8
KSP-G03-**5-10			50				

Note) ★1 The rated flow rate is the one under differential pressure; $\Delta P = 1 \text{MPa}$ {10kgf/cm²}.