

Change-over Valves DU1



DU1-GKS

Lincoln change-over valves come in pressure controlled, pneumatically operated, electric motor operated or hydraulically operated versions. They are primarily designed for use in two-line systems.

This pressure controlled change-over valve has a maximum operating pressure of 350 bar and is designed for use in two-line systems. The operating principle is similar to that of a 4/2 way valve which alternately discharges the lubricant fed by the pump into one of the two main lines while the other line is connected to the return line connection of the pump. Once a preset pressure is reached the change-over process is automatically initiated.

It Is Available in Three Models:

Part No.	Model	Description
617-28683-1	DU1-G	mounted on a base plate
617-28619-1	DU1-GK	mounted on a base plate with indicator pin
617-28620-1	DU1-GKS	mounted on a base plate with indicator pin and limit switch

Technical Data

flow rate	maximum 14 liters/ hour (3.7 US gal/ hour)
operating pressure	maximum 350 bar (5075 psi)
change over pressure	minimum 140 bar (2030 psi) maximum 350 bar (5075 psi)
factory setting	170 bars (2465 psi)
threaded connections	G 1/2 female (BSPP)
operating temperature	-20° C to 80° C (-4° F to 176° F)
mounting position	variable
position switch	max.
nominal circuit voltage	500 V, 25–60 Hz
continuous current	10 A
operating current	4A

Dimensions

Model	Height	Width	Depth
DU1-GK 617-28619-1	195 mm (7.8 in)	190 mm (7.6 in)	100 mm (4.0 in)
DU1-GKS 619-28620-1	195 mm (7.8 in)	190 mm (7.6 in)	195 mm (7.8 in)