

SELECTIVE CONFORMAL COATING AND DISPENSING SOLUTIONS



MINI SPOOL VALVE CFH22

THE CFH22 MINIATURE SPOOL VALVE IS BASED ON A BALANCED SPOOL DESIGN TO CREATE A FAST "ON/OFF" FLUID DISPENSING FUNCTION THAT IS NOT AFFECTED BY MATERIAL INPUT PRESSURE. THE SPOOL ACTION DISPLACES A PORTION OF THE MATERIAL BACK INTO THE NOZZLE DURING SHUT OFF. THIS CREATES AN AUTOMATIC "SUCK-BACK" ANTI-DRIP FEATURE. AN OIL CHAMBER IS PROVIDED FOR USE ABOVE THE UPPER SEAL TO CREATE AN ADDITIONAL LIQUID SEAL THAT WILL PREVENT MOISTURE FROM BEING CARRIED ONTO THE SPOOL. THE DESIGN FACILITATES EASY MAINTENANCE WITHOUT THE NEED FOR SPECIAL TOOLS. THE VALVE IS DESIGNED TO BE OPENED BY AIR PRESSURE AND CLOSED BY A RETURN SPRING (SINGLE ACTING). A PORT IS PROVIDED SO THAT THE VALVE MAY BE CONNECTED FOR AIR CLOSING WITHOUT THE SPRING (DOUBLE ACTING).

THE CFH22 MINI SPOOL VALVE IS DESIGNED FOR HIGHER ACCURACY WITH LOWER PRESSURES. THIS VALVE OPTION OPERATES SIMILAR TO THE CFH20SS JUST IN A SMALLER SIZE.

FEATURES

PRECISE AND CONSISTENT SHOT SIZES
HANDLESS HIGHER FLUID PRESSURE THAN MOST OF OTHER VALVES
AUTOMATIC SUCK-BACK AFTER EVERY DISPENSE CYCLE
SUITABLE WITH MOISTURE-SENSITIVE MATERIALS
OPTIMAL INTEGRATION IN CF440 AND CF395IL SERIES **COATFLOW** ROBOTS WITH TOTAL CONTROL FROM THE SOFT **COATCONTROLPRO**

Fluid Inlet Port:	1/8" NPT Female
Fluid Outlet Port:	Luer Lock Male
Aux Air Inlet Port:	10-32 UNF
Activation Pressure:	70 psi (4.8bar) Min
Max Fluid Pressure:	500 psi (34.5 bar)
Mounting Port:	¼-20 UNC-2B
Viscosity Range:	1-1 000 000cps
Wetted Parts:	303 SS, Teflon®, Aluminum, EPR
Operating Frequency:	500+ cycles/min









CONFORMAL COATINGS, ACRYLICS, URETHANES, SILICONES, RTV, BI-COMPONENT MATERIALS, ETC.