



CONFIGURATION

L Control	Standard Screw Adjustment
A Adjustment Range	.02 - 18 gpm
N Seal Material	Buna-N

This valve is a fully adjustable, bypass/restrictive, priority flow control valve. The valve takes an input flow at port 1 and uses it to satisfy the priority flow at port 3. If the input flow exceeds the priority requirement, the excess is bypassed out port 2.

The valve pressure compensates the priority flow for precise flow regulation for applications where there may be wide pressure fluctuations. Port 2 may also be completely blocked so that the valve can be used as a 2-way, pressure compensated flow control from 1 to 3.

TECHNICAL DATA

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Maximum Operating Pressure	350 bar
Viscosity Range	2,8 - 380 cSt
Adjustment - No. of CCW Turns from Fully Closed to Fully Open	5
Typical Valve Leakage at 110 SUS (24 cSt) from port 1 to port 3 at 5000 psi (350 bar)	75 mL/min.
Rated Maximum Priority	66,5 L/min.
Response Time - Typical	50 ms

CONFIGURATION OPTIONS

Model Code Example: **FRELLAN**

CONTROL	(L) ADJUSTMENT RANGE	(A) SEAL MATERIAL	(N)
L Standard Screw Adjustment	A .02 - 18 gpm	N Buna-N	V Viton
H Calibrated Handknob with Detent Lock			
K Handknob			
Y Tri-Grip Handknob			