

INSTRUMENTATION VALVES

RELIEF VALVES

RL4 SERIES

- Handle for field maintenance
- Externally adjustable pressure settings while valve is in operation
- Seven different springs
- Manual override option with positive stem retraction is available for the full working pressure range
- Colour coded springs and labels indicate spring cracking range



RH4 SERIES

- Eight springs
- Manual override option with positive stem retraction is available for pressures up to 1,500 psi (103 bar)
- Preset from factory and comes with standard springs



HPRV – PED HIGH PRESSURE PROPORTIONAL RELIEF VALVE

- Captured moulded seat design is blow-out and chip resistant
- Colour coded springs and labels indicate spring cracking range
- Unique Tru-Loc facility prevents accidental adjustment
- Low friction stem seal design prevents friction which increases accuracy of cracking pressure and reseal pressure
- Balanced poppet design ensures consistent cracking pressure regardless of system back pressure
- Multiple end connections available



HPRV – PED LOW PRESSURE PROPORTIONAL RELIEF VALVE

- Pressure settings are externally adjustable. Six different spring ranges provide greater system sensitivity and enhanced performance
- Back pressure has minimum effect on cracking pressure
- Colour coded springs and labels indicate spring cracking range
- Orifice sizes: 5.2mm (0.203")
- Lock wire feature secures a given pressure setting
- Multiple end connections available



Valve groups		Relief valves			
Model series		RL	RH	HPRV High pressure	HPRV Low pressure
Maximum operating pressure		400 psi 27.6 bar	6,000 psi 414 bar	6,000 psi 414 bar	400 psi 27.6 bar
Temperature	Min	-70 F -57 C	-70 F -57 C	-45 F -43 C	-45 F -43 C
	Max	400 F 204 C	400 F 204 C	250 F 121 C	250 F 121 C
CV	Max	0.8	0.4	.41	.41
Body material	Stainless steel	X	X	X	X
Seat / Seal material	Buna-N rubber	X	X		
	Ethylene Propylene rubber	X	X	X	X
	Highly Fluorinated Fluorocarbon	X	X	X	X
	Fluorocarbon rubber	X	X	X	X
	Neoprene rubber	X	X	X	X
End connection size range	Min	1/4 in 6 mm	1/4 in 6 mm	1/4 in 6 mm	1/4 in 6 mm
	Max	1/4 in 8 mm	1/4 in 8 mm	1/4 in 6 mm	1/4 in 6 mm



Please Note: Dimensions for reference only, subject to change.