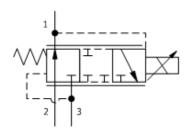


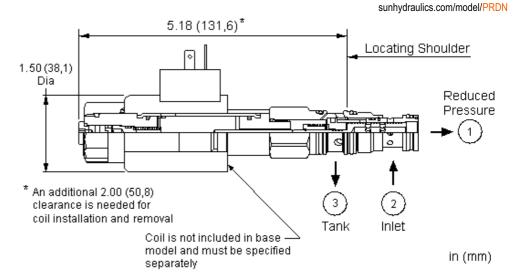


Electro-proportional, direct-acting, pressure reducing/relieving valve, high pressure setting with no command

SERIES 1 / CAPACITY: 20 L/min. / CAVITY: T-11A







This electro-proportional, direct-acting reducer/reliever valve reduces a high primary pressure at the inlet (port 2) to a constant reduced pressure at port 1, with a full flow relief function from port 1 to tank (port 3). The valve is biased to the reducing mode, connecting port 2 to port 1 at a customer specified pressure setting. Increasing the current to the coil will proportionally decrease the reduced pressure at port 1. If pressure at port 1 exceeds the setting induced by the coil, pressure at port 1 is relieved to port 3. This valve is closed in the transition between reducing and relieving resulting in very low consumption of oil.

TECHNICAL DATA

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

Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	41 cc/min.
Seal kit - Cartridge	Buna: 990511007
Seal kit - Cartridge	Viton: 990511006

CONFIGURATION OPTIONS

Model Code Example: PRDNXDN

CONTROL	(X) ADJUSTMENT RANGE	(D) SEAL I	MATERIAL (N)	COIL *
X No Manual Override	D 400 - 200 psi (14 - 28 bar)	N Bui	na-N	No coil
	B 1000 - 400 psi (28 - 70 bar)	V Vito	on	212 DIN 43650-Form A, 12 VDC

E 200 - 100 psi (7 - 14 bar)

No Coll 212 DIN 43650-Form A, 12 VDC 224 DIN 43650-Form A, 24 VDC 912 Deutsch DT04-2P, 12 VDC 924 Deutsch DT04-2P, 24 VDC

* Additional coil options are available

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