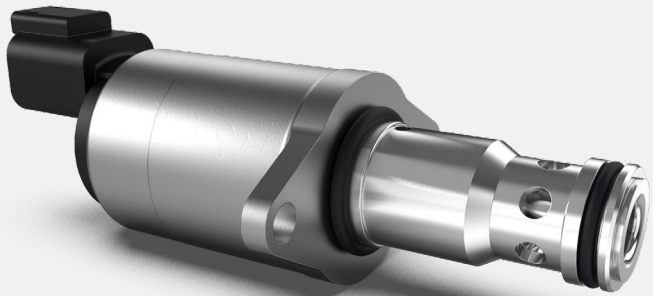


Inverse Pressure Relief Valve [IPRV]



PRODUCT CLASSIFICATION

Special designs

Proportional valves

Directional valves

Smart products

Name

ATEX

IPH

IPRV

HYDRAULIC DATA

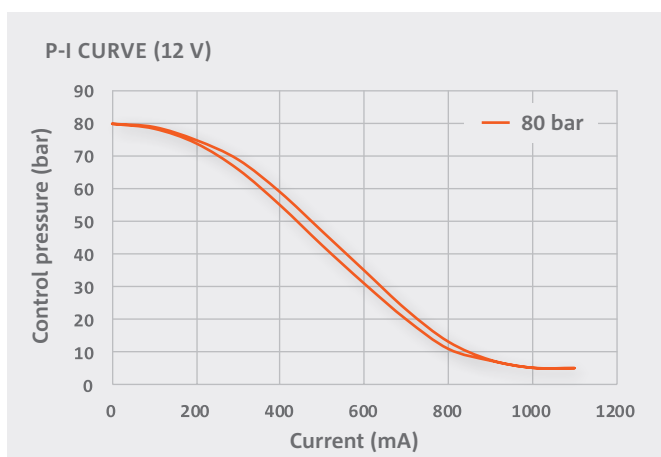
Max pressure pump	$P_p = 150$ bar
Max pressure tank	$P_T = 35$ bar
Nominell flow	40 l/min
Flow range	5 to 70 l/min
Hysteresis	Max. 8 bar
Contamination level	Min Filtration: 20/18/15 According to ISO 4406
Fluid	Mineral Oil According to DIN 51524
Temperature range fluid	-30°C to +105°C
Leakage (internal)	< 3 l/min (de-energized; @ a pump pressure ramp from 0 to 120 bar)
Filterscreen size	none

* The reported data are measured @ $P_p=35$ bar and an oil viscosity of 32 cSt

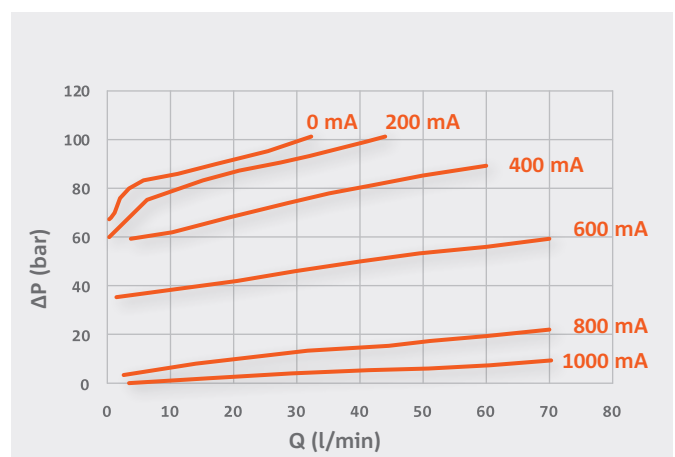
ELECTRICAL DATA

Voltage	12 V	24 V
Voltage range	9 to 16 V	16 to 32 V
Resolution	1200 mA	600 mA
Resistance	$5,3 \Omega \pm 5\%$	$21,2 \Omega \pm 5\%$
Control signal (recommended)	Current control PWM 200 Hz recommended	
Connector	AMP Junior Timer Deutsch Connector DT04-2P	
Protection class	up to IP6K6 / IPX7	

CURRENT VS. PRESSURE (AVERAGE CHARACTERISTIC)



FLOW CHARACTERISTICS (AVERAGE CHARACTERISTIC)



MODEL CODE

IPRV	-010	-001	-g	-i	-85	-12	-D	-F
Valve Style	Size	Version	Solenoid type	Cavity type	Different pressure range: 85 bar	Voltage: 12 V or 24 V	Connector: Deutsch	Seal material: FKM

● Defined by Thomas
● Customers choice

CONTACT DETAILS




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