



## 3/2-Way Proportional Pressure Reducing Valve

### TECHNICAL DATA (for 25 bar - version)

<b>Working Pressure (pAmin):</b>	20 bar
<b>Pump pressure (pPmax):</b>	50 bar
<b>Tank pressure (Ptmax):</b>	50 bar max. Static
<b>Flow A-&gt;T (QA):</b>	4 l/min at DP = 25 bar
<b>Flow P-&gt;A (QA):</b>	4 l/min at DP = 15 bar
<b>Leakage volume flow:</b>	< 0.1 l/min. (for I = 0)
<b>Control volume flow:</b>	< 0.5 l/min. (for I = max)
<b>Hysteresis:</b> (based on pulse width modulated control at 100 cycles per second)	≤ 3 % from 22.5 bar
<b>Dynamics</b> (as step response 100 % = 32 bar pA):	100 ms from 0 to 90 % 100 ms from 100 to 10 %
<b>Ambient temperature:</b>	-30°C to +80°C
<b>Medium temperature:</b>	-20°C to +80°C
<b>Purity of hydraulic fluid:</b>	17/14 under ISO 4406
<b>Insulation class:</b>	180°C (H under VDE 0580)
<b>Permissible hydraulic fluids:</b>	Hydraulic fluids HL and HLP under DIN 51524
<b>Installed position:</b>	Any
<b>Resistance R20</b>	5 Ohm (12 V) 21,2 Ohm (24 V)
<b>Limit Current I<sub>g</sub></b>	1,5 A (12 V) 0,75 A (24 V)
<b>Duty cycle:</b>	100 %
<b>Weight:</b>	0,23 kg

