

- ◆ Centralized lubrication systems
- ◆ Metering technology
- ◆ Mixing technology

Material pressure regulators with piston



LubTec – piston material pressure regulators are used to reduce the feed pressure down to the required operating pressure. As well as accurately regulating material pressure, these valves will also compensate for pulsations that occur as a result of the reciprocating action of piston pumps. Pulsations cause a brief decrease in pressure that could lead to a slight reduction in the flow of material. This piston type of material pressure regulator is especially suitable for the processing of self-lubricating materials such as greases, oils and silicones (without filler). The sealing of the spring space takes place via a slide ring seal

Product features – specification

- *Easy maintenance*
- *Valve sharp seat and carbide ball*
- *Slide ring seal*
- *Manually adjustable*
- *Material filter integrated*

Type of regulators :

Regulator size (diameter)	Arcicle number	connection	Input pressure (bar)	Output pressure (bar) adjustable	Maximal pressure (bar)	Gauges (bar)	
						Input	Output
DN4	450-00-00#	1/4"	20-250	6-50	250	-	-
DN4	450-00-01#	1/4"	20-250	6-50	250	400	160
DN4	450-00-13#	3/8"	30-400	15-150	500	-	-
DN4	450-00-22#	3/8"	30-400	15-150	500	400	160
DN8	450-00-10#	3/8"	20-250	6-50	400	-	-
DN8	450-00-14#	3/8"	20-250	6-50	400	400	160
DN12	450-00-11#	1/2"	20-250	6-50	400	-	-
DN12	450-00-17#	1/2"	20-250	6-50	400	400	160

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- 1 Adjustable nut
- 2 Spring assembly
- 3 Lock nut
- 4 Piston
- 5 Material outlet – pressure gauge connection
- 6 Valve seat
- 7 Carbide ball
- 8 Filter element
- 9 Spring
- 10 Material input – pressure gauge connection

