

**LR-1/8-S-B**

Pressure regulator

Data sheet

Part no.: 150042

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<b>Feature</b>	<b>Data/description</b>
Design regulating valve	<b>piston</b>
Type of regulation	<b>Direct</b>
Behaviour during flow reversal	<b>Secondary exhaust</b>
Modular design	<b>Yes</b>
Input pressure 1 min. (bar)	<b>0,5 bar</b>
Input pressure 1 max. (bar)	<b>14 bar</b>
Output pressure 2 max.	<b>12 bar</b>
Air connection type 1	<b>Thread</b>
Thread for port 1	<b>G 1/8</b>
Air connection type 2	<b>Thread</b>
Thread for port 2	<b>G 1/8</b>
Installation position	<b>Any</b>
Type of mounting	<b>Panel/line</b>
Minimum ambient temperature	<b>-10 °C</b>
Maximum ambient temperature	<b>60 °C</b>
Minimum medium temperature	<b>-10 °C</b>
Maximum medium temperature	<b>60 °C</b>
Pressure hysteresis	<b>0,2 bar</b>
Actuator locking	<b>Pull-up-and-turn adjustment</b>
Pressure gauge yes/no	<b>Yes</b>
No. of pressure gauge connections	<b>2</b>
Connector thread for pressure gauges	<b>G 1/8</b>
Nominal size, pressure gauge	<b>40</b>
Material of screw-in stud	<b>brass</b>
Material of housing	<b>PA</b>
Material of seals	<b>NBR-Elastomer</b>
Contains silicone materials	<b>Yes</b>
Product weight	<b>0,19 kg</b>
Standard nominal flow rate 1-2	<b>1240 l/min</b>
Medium	<b>Compressed air, filtered 40 µm (may be lubricated)</b>