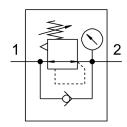
Pressure regulator LR-3/4-D-DI-MAXI Part number: 192360







Data sheet

Series D Actuator lock Rotary knob with detent Mounting position optional Design Directly actuated diaphragm regulator Controller function Untput pressure constant Via primary pressure compensation With secondary venting With return flow function Pressure gauge (ANALOG) or Pressure display (DIGITAL) With pressure gauge Operating pressure 1 bar16 bar Pressure regulation range 0.5 bar12 bar Max. pressure hysteresis 0.4 bar Standard nominal flow rate 6800 l/min Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Corrosion resistance class CRC 2 · Moderate corrosion stress CABS (PWIS) conformity VDMA2464-B1/82-L Air purity class at output Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Inert gases Inert passed air to ISO 8573-1:2010 [7:4:4] Inert gases Inert pass	Feature	Value
Actuator lock Mounting position Design Directly actuated diaphragm regulator Controller function Var primary pressure constant Var primary pressure compensation With secondary venting With return flow function Pressure gauge (ANALOG) or Pressure display (DIGITAL) With pressure gauge Operating pressure 1 bar16 bar Pressure regulation range 0.5 bar12 bar 0.4 bar Standard nominal flow rate Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Air purity class at output Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Media temperature Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Media temperature 10 °C60 °C Ambient temperature 110 °C60 °C Product weight Front panel mounting In-line installation With accessories Preumatic connection, port 1 G3/4 Preumatic connection, port 2 G3/4 Rolsc on materials Rols Compliant	Size	Maxi
Mounting position Design Directly actuated diaphragm regulator Output pressure constant Via primary pressure compensation With secondary venting With return flow function Pressure gauge (ANALOG) or Pressure display (DIGITAL) Diperating pressure 1 bar16 bar Pressure regulation range 0.5 bar12 bar Max. pressure hysteresis 0.4 bar Standard nominal flow rate Deprating medium Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Air purity class at output Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases 1.0 °C60 °C Ambient temperature -1.0 °C60 °C Product weight 1400 g Front panel mounting In-line installation With accessories Preumatic connection, port 1 G3/4 Preumatic connection, port 2 G3/4 RoHS-compliant	Series	D
Directly actuated diaphragm regulator Controller function Output pressure constant Via primary pressure compensation With secondary venting With return flow function Pressure gauge (ANALOG) or Pressure display (DIGITAL) With pressure gauge Diperating pressure 1 bar16 bar Pressure regulation range 0.5 bar12 bar Max. pressure hysteresis 0.4 bar Standard nominal flow rate Gesoo I/min Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Air purity class at output Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases LABS (PWIS) conformity VDMA24364-B1/B2-L Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases -10 °C60 °C Ambient temperature -10 °C60 °C Product weight 1400 g Front panel mounting In-line installation With accessories Preumatic connection, port 1 G3/4 Preumatic connection, port 2 G3/4 RoHS-compliant	Actuator lock	Rotary knob with detent
Controller function Output pressure constant Via primary pressure compensation With secondary venting With return flow function Pressure gauge (ANALOG) or Pressure display (DIGITAL) Deparating pressure 1 bar16 bar Pressure regulation range 0.5 bar12 bar Max. pressure hysteresis O.4 bar Standard nominal flow rate Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Corrosion resistance class CRC 2 · Moderate corrosion stress VDMA24364-B1/B2-L Air purity class at output Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Media temperature -10 °C60 °C Ambient temperature -10 °C60 °C Ambient temperature -10 °C60 °C Product weight Type of mounting In-line installation With accessories Preumatic connection, port 1 G3/4 Preumatic connection, port 2 RoHS-compliant	Mounting position	optional
Via primary pressure compensation With secondary venting With return flow function Pressure gauge (ANALOG) or Pressure display (DIGITAL) Deparating pressure 1 bar16 bar Pressure regulation range 0.5 bar12 bar 0.4 bar Standard nominal flow rate Deparating medium Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Corrosion resistance class CRC 2 · Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Media temperature -10 °C60 °C Ambient temperature -10 °C60 °C Product weight Type of mounting Front panel mounting In-line installation With accessories Poleumatic connection, port 2 Note on materials RoHS-compliant	Design	Directly actuated diaphragm regulator
Deperating pressure 1 bar16 bar Pressure regulation range 0.5 bar12 bar 0.4 bar Standard nominal flow rate 6800 l/min Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Corrosion resistance class CRC 2 · Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Media temperature -10 °C60 °C Ambient temperature -10 °C60 °C Product weight 1400 g Type of mounting In-line installation With accessories Preumatic connection, port 1	Controller function	Via primary pressure compensation With secondary venting
Pressure regulation range 0.5 bar12 bar 0.4 bar 6800 l/min Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Corrosion resistance class CRC 2 · Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Air purity class at output Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Media temperature -10 °C60 °C Ambient temperature -10 °C60 °C Product weight Type of mounting Front panel mounting In-line installation With accessories Pneumatic connection, port 1 G3/4 Pneumatic connection, port 2 Note on materials ROHS-compliant	Pressure gauge (ANALOG) or Pressure display (DIGITAL)	With pressure gauge
Max. pressure hysteresis O.4 bar 6800 l/min Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Media temperature -10 °C60 °C Ambient temperature -10 °C60 °C Product weight 1400 g Front panel mounting In-line installation With accessories Pneumatic connection, port 1 G3/4 Pneumatic connection, port 2 Note on materials O.4 bar Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases -10 °C60 °C	Operating pressure	1 bar16 bar
Standard nominal flow rate Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Air purity class at output Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Media temperature -10 °C60 °C Ambient temperature -10 °C60 °C Product weight 1400 g Front panel mounting In-line installation With accessories Pneumatic connection, port 1 G3/4 Pneumatic connection, port 2 Note on materials ROHS-compliant	Pressure regulation range	0.5 bar12 bar
Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Media temperature -10 °C60 °C Ambient temperature -10 °C60 °C Product weight 1400 g Front panel mounting In-line installation With accessories Pneumatic connection, port 1 G3/4 Pneumatic connection, port 2 Note on materials RoHS-compliant	Max. pressure hysteresis	0.4 bar
Inert gases Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Media temperature -10 °C60 °C Ambient temperature -10 °C60 °C Product weight 1400 g Type of mounting Front panel mounting In-line installation With accessories Pneumatic connection, port 1 G3/4 Pneumatic connection, port 2 RoHS-compliant	Standard nominal flow rate	6800 l/min
always be required) Corrosion resistance class CRC 2 - Moderate corrosion stress VDMA24364-B1/B2-L Air purity class at output Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Media temperature -10 °C60 °C Ambient temperature -10 °C60 °C Product weight 1400 g Front panel mounting In-line installation With accessories Pneumatic connection, port 1 G3/4 Pneumatic connection, port 2 RoHS-compliant	Operating medium	
LABS (PWIS) conformity VDMA24364-B1/B2-L Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Media temperature -10 °C60 °C Ambient temperature -10 °C60 °C Product weight 1400 g Type of mounting Front panel mounting In-line installation With accessories Pneumatic connection, port 1 G3/4 Pneumatic connection, port 2 Note on materials ROHS-compliant	Note on operating and pilot medium	
Air purity class at output Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Media temperature -10 °C60 °C Ambient temperature -10 °C60 °C Product weight 1400 g Type of mounting In-line installation With accessories Pneumatic connection, port 1 G3/4 Pneumatic connection, port 2 Note on materials RoHS-compliant	Corrosion resistance class CRC	2 - Moderate corrosion stress
Inert gases Media temperature -10 °C60 °C Ambient temperature -10 °C60 °C Product weight 1400 g Type of mounting Front panel mounting In-line installation With accessories Pneumatic connection, port 1 G3/4 Pneumatic connection, port 2 Note on materials RoHS-compliant	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature -10 °C60 °C Product weight 1400 g Type of mounting In-line installation With accessories Pneumatic connection, port 1 G3/4 Pneumatic connection, port 2 RoHS-compliant	Air purity class at output	· · · · · · · · · · · · · · · · · · ·
Product weight Type of mounting Front panel mounting In-line installation With accessories Pneumatic connection, port 1 G3/4 Pneumatic connection, port 2 Note on materials RoHS-compliant	Media temperature	-10 °C60 °C
Type of mounting Front panel mounting In-line installation With accessories Pneumatic connection, port 1 G3/4 Pneumatic connection, port 2 G3/4 Note on materials RoHS-compliant	Ambient temperature	-10 °C60 °C
In-line installation With accessories Pneumatic connection, port 1 G3/4 Pneumatic connection, port 2 G3/4 Note on materials RoHS-compliant	Product weight	1400 g
Pneumatic connection, port 2 G3/4 Note on materials RoHS-compliant	Type of mounting	In-line installation
Note on materials RoHS-compliant	Pneumatic connection, port 1	G3/4
'	Pneumatic connection, port 2	G3/4
Waterial sub-base Die-cast zinc	Note on materials	RoHS-compliant
	Material sub-base	Die-cast zinc

Feature	Value
Material seals	NBR
Material housing	Die-cast zinc
Material membrane	NBR