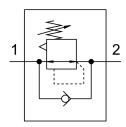
## Pressure regulator LR-3/4-D-7-O-DI-MAXI Part number: 192363







## **Data sheet**

Description	Feature	Value
Actuator lock Mounting position Optional Directly actuated diaphragm regulator Output pressure constant Va primary pressure compensation With secondary venting With return flow function Pressure gauge (ANALOG) or Pressure display (DIGITAL) Operating pressure  1 bar16 bar Operating pressure  1 bar16 bar Operating pressure Vax7 bar O.4 bar Standard nominal flow rate Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases  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 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 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  Front panel mounting In-line installation With accessories  Preumatic connection, port 1 G3/4 Openumatic connection, port 2 G3/4 Note on materials  RoHS-compliant	Size	Maxi
Mounting position Optional 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) Prepared for G1/4 Operating pressure 1 bar16 bar Operating pressure 0.5 bar7 bar Max. pressure hysteresis 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) Corrosion resistance class CRC 2 - Moderate corrosion stress VDMA24364-B1/B2-L Corrosion fromity VDMA24364-B1/B2-L Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Lubricated operation possible (in which case lubricated operation will always be required) Corrosion resistance class CRC 2 - Moderate corrosion stress VDMA24364-B1/B2-L Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Inert gases The profit of Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Inert gases Product weight The profit panel mounting In-line installation With accessories Product weight Front panel mounting In-line installation With accessories Product connection, port 1 G3/4 Prenumatic connection, port 2 G3/4 Note on materials RoHS-compliant	Series	D
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)  Prepared for G1/4  Diperating pressure  1 bar16 bar  Pressure regulation range  0.5 bar7 bar  0.4 bar  Standard nominal flow rate  Standard nominal flow rate  Diperating 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  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  To purity class at output  Gay/4  Prenumatic connection, port 1  Gay/4  Prenumatic connection, port 2  Gay/4  Prenumatic connection, port 2  Gay/4  Prenumatic connection, port 2  RoHS-compliant	Actuator lock	Rotary knob with detent
Output pressure constant Via primary pressure compensation With secondary venting With return flow function  Pressure gauge (ANALOG) or Pressure display (DIGITAL)  Prepared for G1/4  Departing pressure  1 bar16 bar  Pressure regulation range 0.5 bar7 bar  Max. pressure hysteresis 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)  Corrosion resistance class CRC 2 · Moderate corrosion stress  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 In-line installation With accessories  Preumatic connection, port 1  G3/4  Preumatic connection, port 2  Note on materials  Output pressure constant Via primary pressure compensation With accessories  Output from Final	Mounting position	optional
Via primary pressure compensation With secondary venting With return flow function  Pressure gauge (ANALOG) or Pressure display (DIGITAL)  Prepared for G1/4  Depared for G1/4	Design	Directly actuated diaphragm regulator
Departing pressure 1 bar16 bar  Oressure regulation range 0.5 bar7 bar  Overating messure hysteresis 0.4 bar  Standard nominal flow rate 8350 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  CABS (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 In-line installation With accessories  Preumatic connection, port 1  G3/4  Preumatic connection, port 2  Note on materials  RoHS-compliant	Controller function	Via primary pressure compensation With secondary venting
Pressure regulation range  O.5 bar7 bar  O.4 bar  Standard nominal flow rate  Departing 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  ABS (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  1330 g  Front panel mounting In-line installation With accessories  Preumatic connection, port 1  G3/4  Preumatic connection, port 2  Note on materials  ROHS-compliant	Pressure gauge (ANALOG) or Pressure display (DIGITAL)	Prepared for G1/4
Max. pressure hysteresis  O.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  ABS (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  1330 g  Front panel mounting In-line installation With accessories  Proeumatic connection, port 1  G3/4  Preumatic connection, port 2  Note on materials  ROHS-compliant	Operating pressure	1 bar16 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  ABS (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  1330 g  Front panel mounting In-line installation With accessories  Proeumatic connection, port 1  G3/4  Preumatic connection, port 2  Note on materials  ROHS-compliant	Pressure regulation range	0.5 bar7 bar
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  ABS (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  1330 g  Front panel mounting In-line installation With accessories  Pneumatic connection, port 1  G3/4  Poeumatic connection, port 2  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  ABS (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  1330 g  Front panel mounting In-line installation With accessories  Peneumatic connection, port 1  G3/4  Peneumatic connection, port 2  RoHS-compliant	Standard nominal flow rate	8350 l/min
always be required)  Corrosion resistance class CRC  2 - Moderate corrosion stress  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  1330 g  Front panel mounting In-line installation With accessories  Pneumatic connection, port 1  G3/4  Pneumatic connection, port 2  RoHS-compliant	Operating medium	
ABS (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  1330 g  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	
Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases  Media temperature -10 °C60 °C  Ambient temperature -10 °C60 °C  Product weight 1330 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	Corrosion resistance class CRC	2 - Moderate corrosion stress
Inert gases  Media temperature  -10 °C60 °C  Ambient temperature  -10 °C60 °C  Product weight  1330 g  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 1330 g  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	Air purity class at output	, , , , , , , , , , , , , , , , , , ,
Product weight  Type of mounting Type of mounting Tront panel mounting In-line installation With accessories Pneumatic connection, port 1  G3/4 Pneumatic connection, port 2  G3/4 Rote on materials  RoHS-compliant	Media temperature	-10 °C60 °C
Front panel mounting In-line installation With accessories  Pneumatic connection, port 1  G3/4  Pneumatic connection, port 2  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	1330 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
Material 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