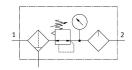
Air preparation unit FRC-3/4-D-5M-MIDI Part number: 162775

FESTO





Data sheet

D Actuator lock Rotary knob with detent Wounting position Vertical +7 -5° Condensate drain Structural design Filter regulator with pressure gauge Proportional standard oil mist lubricator Max. condensate volume 43 cm³ Savil guard Metal bowl guard Pressure gauge Operating pressure On 1 MPa1.6 MPa 1 bar16 bar Pressure regulation range O.5 bar12 bar Max. pressure hysteresis O.02 MPa O.2 bar 2.9 psi Standard nominal flow rate Operating medium Compressed air as per ISO 8573-1:2010 [-:9-:] Inert gas Information on operating and pilot media Operation with oil lubrication possible (required for further use) VDMA24364-B1/B2-L Compressed air as per ISO 8573-1:2010 [6:8:-] Inert gas Femperature of medium 10 °C60 °C Product weight 1440 g Presumatic connection 1 G3/4 Presumatic connection 2 Gold Connection 2 Gold Connection 1 G3/4 Presumatic connection 2 Gold Connection 3 Gold Connection 3 Gold Connection 3 Gold Connection 3 Gold Connection 4 Gold Connection 4 Gold Connection 5 Gold Connection 5 Gold Connection 5 Gold Connection 5 Gold Connection 6 Gold Connection 7 Gold Connect	Feature	Value
Retuator lock Mounting position Vertical +/- 5° Condensate drain Manually rotating Structural design Filter regulator with pressure gauge Proportional standard oil mist lubricator Max. condensate volume 43 cm³ Save of filtration 5 µm Gowl guard Metal bowl guard Pressure gauge Operating pressure 0.1 MPa1.6 MPa 1 bar16 bar Pressure regulation range 0.2 bar 0.2 bar 2.9 psi Standard nominal flow rate Departing medium Compressed air as per ISO 8573-1:2010 [-:9:-] Inert gas Information on operating and pilot media Operatine on operating and pilot media Operation with oil lubrication possible (required for further use) VDMA24364-B1/B2-L Inert gas Femperature of medium -10 °C60 °C -10	Size	Midi
Mounting position Vertical +/- 5° Condensate drain Manually rotating Filter regulator with pressure gauge Proportional standard oil mist lubricator Max. condensate volume 43 cm³ Grade of filtration 5	Series	D
Condensate drain Manually rotating Filter regulator with pressure gauge Proportional standard oil mist lubricator 43 cm³ Grade of filtration Sowl guard Pressure gauge Proportional standard oil mist lubricator Metal bowl guard Pressure gauge Operating pressure On 1 MPa1.6 MPa 1 bar16 bar Pressure regulation range On 2 MPa 0.2 bar 2.9 psi Standard nominal flow rate Operating medium Compressed air as per ISO 8573-1:2010 [-:9:-] Inert gas Information on operating and pilot media Operation with oil lubrication possible (required for further use) Alar quality class at the output Compressed air as per ISO 8573-1:2010 [6:8:-] Inert gas Femperature of medium -10 °C60 °C Ambient temperature -10 °C60 °C Product weight 1440 g Preumatic connection 1 G3/4 Preumatic connection 2 RoHS-compliant	Actuator lock	Rotary knob with detent
Filter regulator with pressure gauge Proportional standard oil mist lubricator Max. condensate volume 43 cm³ 5 µm 3owl guard Metal bowl guard Pressure gauge Operating pressure 10.1 MPa1.6 MPa 1 bar16 bar Pressure regulation range 0.5 bar12 bar 0.02 MPa 0.2 bar 2.9 psi Standard nominal flow rate 2100 I/min Operating medium Compressed air as per ISO 8573-1:2010 [-:9:-] Inert gas Information on operating and pilot media Operating vilot class at the output Compressed air as per ISO 8573-1:2010 [6:8:-] Inert gas Filter regulator with pressure gauge Proportional standard oil mist lubrication possible (required for further use) VDMA24364-B1/B2-L Compressed air as per ISO 8573-1:2010 [6:8:-] Inert gas Filter regulator with oil lubrication possible (required for further use) VDMA24364-B1/B2-L Compressed air as per ISO 8573-1:2010 [6:8:-] Inert gas Filter regulator of medium -10 °C60 °C Ambient temperature -10 °C60 °C Product weight -1440 g Line installation With accessories Preumatic connection 1 G3/4 Preumatic connection 2 G3/4 Note on materials RoHS-compliant	Mounting position	Vertical +/- 5°
Proportional standard oil mist lubricator Max. condensate volume 43 cm³ 5 µm Metal bowl guard Metal bowl guard Metal bowl guard Pressure gauge Oberating pressure 0.1 MPa1.6 MPa 1 bar16 bar Pressure regulation range 0.5 bar12 bar 0.02 MPa 0.2 bar 2.9 psi Standard nominal flow rate Deparating medium Compressed air as per ISO 8573-1:2010 [-:9:-] Inert gas Information on operating and pilot media Operating vilass at the output ABS (PWIS) conformity VDMA24364-B1/B2-L Compressed air as per ISO 8573-1:2010 [6:8:-] Inert gas Femperature of medium -10 °C60 °C Ambient temperature -10 °C60 °C Product weight 1440 g Fueumatic connection 1 G3/4 Poeumatic connection 2 Note on materials RoHS-compliant	Condensate drain	Manually rotating
Sarade of filtration Sowl guard Metal bowl guard Pressure gauge With pressure gauge Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure segulation range Operating pressure hysteresis Operating pressure hysteresis Operating medium Operating medium Compressed air as per ISO 8573-1:2010 [-:9:-] Inert gas Information on operating and pilot media Operation with oil lubrication possible (required for further use) Operating the output Operating the output Ompressed air as per ISO 8573-1:2010 [6:8:-] Inert gas Operating the output Operating with oil lubrication possible (required for further use) Operating the output Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required f	Structural design	
Metal bowl guard Metal bowl guard With pressure gauge Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure regulation range Operating pressure hysteresis Operating pressure hysteresis Operating medium Compressed air as per ISO 8573-1:2010 [-:9:-] Inert gas Information on operating and pilot media Operation with oil lubrication possible (required for further use) VDMA24364-B1/B2-L Compressed air as per ISO 8573-1:2010 [6:8:-] Inert gas In	Max. condensate volume	43 cm³
With pressure gauge Operating pressure On MPa1.6 MPa 1 bar16 bar On Departing pressure regulation range On Departing pressure regulation range On Departing pressure regulation range On Departing messure hysteresis On Departing messure hysteresis On Departing medium Compressed air as per ISO 8573-1:2010 [-:9:-] Inert gas Information on operating and pilot media Operation with oil lubrication possible (required for further use) Operating medium Operation with oil lubrication possible (required for further use) Operation with oil required for further	Grade of filtration	5 μm
Operating pressure O.1 MPa1.6 MPa 1 bar16 bar O.2 bar12 bar O.2 MPa O.2 bar 2.9 psi Standard nominal flow rate Operating medium Operating and pilot media Operation on operating and pilot media ABS (PWIS) conformity VDMA24364-B1/B2-L Compressed air as per ISO 8573-1:2010 [-:9:-] Inert gas	Bowl guard	Metal bowl guard
1 bar16 bar Peressure regulation range 0.5 bar12 bar 0.02 MPa 0.2 bar 2.9 psi Standard nominal flow rate 2100 l/min Compressed air as per ISO 8573-1:2010 [-:9:-] Inert gas Information on operating and pilot media Operation with oil lubrication possible (required for further use) VDMA24364-B1/B2-L Compressed air as per ISO 8573-1:2010 [6:8:-] Inert gas Femperature of medium -10 °C60 °C Ambient temperature -10 °C60 °C Product weight 1440 g Experimental of mounting Line installation With accessories Preumatic connection 1 G3/4 Preumatic connection 2 Note on materials RoHS-compliant	Pressure gauge	with pressure gauge
Max. pressure hysteresis 0.02 MPa 0.2 bar 2.9 psi Standard nominal flow rate 2100 l/min Compressed air as per ISO 8573-1:2010 [-:9:-] Inert gas Information on operating and pilot media Operation with oil lubrication possible (required for further use) VDMA24364-B1/B2-L Air quality class at the output Compressed air as per ISO 8573-1:2010 [6:8:-] Inert gas Inert	Operating pressure	
0.2 bar 2.9 psi Standard nominal flow rate 2100 I/min Compressed air as per ISO 8573-1:2010 [-:9:-] Inert gas Information on operating and pilot media Operation with oil lubrication possible (required for further use) ABS (PWIS) conformity VDMA24364-B1/B2-L Air quality class at the output Compressed air as per ISO 8573-1:2010 [6:8:-] Inert gas Imperature of medium -10 °C60 °C Ambient temperature -10 °C60 °C Product weight 1440 g Iune installation With accessories Pneumatic connection 1 G3/4 Pneumatic connection 2 RoHS-compliant	Pressure regulation range	0.5 bar12 bar
Compressed air as per ISO 8573-1:2010 [-:9:-] Inert gas Operation on operating and pilot media Operation with oil lubrication possible (required for further use) VDMA24364-B1/B2-L Air quality class at the output Compressed air as per ISO 8573-1:2010 [6:8:-] Inert gas Femperature of medium -10 °C60 °C Ambient temperature -10 °C60 °C Product weight 1440 g Line installation With accessories Pneumatic connection 1 G3/4 Note on materials Compressed air as per ISO 8573-1:2010 [6:8:-] Inert gas Solution in stall at in the product of the product	Max. pressure hysteresis	0.2 bar
Inert gas Information on operating and pilot media Operation with oil lubrication possible (required for further use) VDMA24364-B1/B2-L Air quality class at the output Compressed air as per ISO 8573-1:2010 [6:8:-] Inert gas I	Standard nominal flow rate	2100 l/min
ABS (PWIS) conformity VDMA24364-B1/B2-L Compressed air as per ISO 8573-1:2010 [6:8:-] Inert gas Femperature of medium -10 °C60 °C -10 °C60 °C Product weight 1440 g Ivpe of mounting Line installation With accessories Pneumatic connection 1 G3/4 Pneumatic connection 2 RoHS-compliant	Operating medium	
Compressed air as per ISO 8573-1:2010 [6:8:-] Inert gas Femperature of medium -10 °C60 °C Ambient temperature -10 °C60 °C Product weight 1440 g Inert stallation With accessories Pneumatic connection 1 G3/4 Pneumatic connection 2 RoHS-compliant	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Inert gas Femperature of medium -10 °C60 °C -10 °C60	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature -10 °C60 °C Product weight 1440 g Line installation With accessories Pneumatic connection 1 G3/4 Pneumatic connection 2 G3/4 Note on materials ROHS-compliant	Air quality class at the output	· · · · · · · · · · · · · · · · · · ·
Product weight 1440 g Type of mounting Line installation With accessories Pneumatic connection 1 G3/4 Pneumatic connection 2 G3/4 Note on materials RoHS-compliant	Temperature of medium	-10 °C60 °C
Type of mounting Line installation With accessories Pneumatic connection 1 G3/4 Pneumatic connection 2 G3/4 Note on materials RoHS-compliant	Ambient temperature	-10 °C60 °C
With accessories Pneumatic connection 1 G3/4 Pneumatic connection 2 G3/4 Note on materials RoHS-compliant	Product weight	1440 g
Pneumatic connection 2 G3/4 Note on materials RoHS-compliant	Type of mounting	
Note on materials RoHS-compliant	Pneumatic connection 1	G3/4
· · · · · · · · · · · · · · · · · · ·	Pneumatic connection 2	G3/4
Housing material Die-cast zinc	Note on materials	RoHS-compliant
	Housing material	Die-cast zinc

Feature	Value
Material of bowl	PC