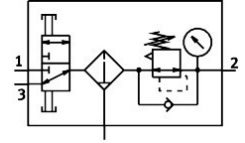


Air preparation combination unit LFR-1/4-DB-7-MINI-KC

Part number: 8002799

FESTO



Data sheet

Feature	Value
Size	Mini
Width	108 mm
Exhaust air function	Without flow control option
Series	DB
Actuation type	Manual
Actuator lock	Padlock (optional) Rotary knob with detent
Mounting position	Vertical +/- 5°
Grade of filtration	40 µm
Condensate drain	Manually rotating
Structural design	Shut off valve filter regulator
Max. condensate volume	13 ml
Controller function	Outlet pressure constant With secondary exhausting With return flow function Without primary pressure compensation
Pressure gauge	with pressure gauge
Operating pressure	0.15 MPa...1 MPa 1.5 bar...10 bar 21 psi...145 psi
Pressure regulation range MPa	0.05 MPa...0.7 MPa
Pressure regulation range	0.5 bar...7 bar
Pressure regulation range psi	7.25 psi...101.5 psi
Max. pressure hysteresis	0.5 bar
Max. standard flow rate	2500 l/min
Standard nominal flow rate	1900 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [7:9:4]
Information on operating and pilot media	Operation with oil lubrication not possible
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-5 °C...50 °C
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [7:8:4]
Temperature of medium	-5 °C...50 °C

Feature	Value
Ambient temperature	-5 °C...50 °C
Product weight	245 g
Type of mounting	Optionally: Line installation With through-hole With mounting bracket
Pressure gauge connection	G1/8
Pneumatic connection 1	G1/4
Pneumatic connection 2	G $\frac{1}{4}$
Note on materials	RoHS-compliant
Seals material	NBR
Seal material, shut off valve	FPM
Rotary knob material	POM
Compressed air filter material	PE
Housing material	PA-reinforced
Piston slide material	POM
Material of bowl	PC