

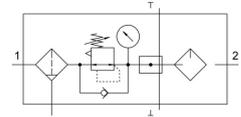
Air preparation combination unit FRC-1/4-DB-7-MINI-KA

FESTO

Part number: 8002800



Data sheet



Feature	Value
Size	Mini
Width	108 mm
Type code	FRC
Exhaust air function	Without flow control option
Series	DB
Actuator lock	Rotary knob with detent
Mounting position	Vertical +/- 5°
Condensate drain	Manually rotating
Structural design	Filter regulator distribution module air line lubricator
Max. condensate volume	13 ml
Grade of filtration	40 µm
Controller function	Outlet pressure constant With secondary exhausting With return flow function Without primary pressure compensation
Symbol	00995336
Pressure gauge	with pressure gauge
Operating pressure	0.15 MPa ... 1 MPa
Operating pressure	1.5 bar ... 10 bar
Pressure regulation range	0.5 bar ... 7 bar
Max. pressure hysteresis	0.5 bar
Max. standard flow rate	2500 l/min
Standard nominal flow rate	700 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
Approved oils	Festo special oil in 1 L container Order reference: 152 811 OFSW-32 ARAL Vitam GF 32 ESSO Nuto H 32 MOBIL DTE 24 SHELL Tellus Oil DO 32 Viscosity range 32mm ² /s at 40 °C Viscosity range 32 mm ² /s (cSt) at 40 °C
Corrosion resistance class (CRC)	1 - Low corrosion stress
Storage temperature	-5 °C ... 50 °C
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [7:9:-]
Temperature of medium	-5 °C ... 50 °C
Oil viscosity	ISO VG 32

Feature	Value
Ambient temperature	-5 °C ... 50 °C
Product weight	285 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	G1/4
Pneumatic connection 3	G1/4
Note on materials	RoHS-compliant
Seals material	NBR
Rotary knob material	POM
Compressed air filter material	PE
Housing material	PA-reinforced
Material of bowl	PC