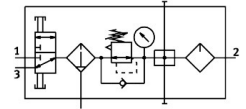


Air preparation combination unit FRC-1/4-DB-7-MINI-KC

Part number: 8002801

FESTO



Data sheet

Feature	Value
Size	Mini
Width	158 mm
Exhaust air function	Without flow control option
Series	DB
Actuator lock	Padlock (optional) Rotary knob with detent
Mounting position	Vertical +/- 5°
Actuation type	Manual
Condensate drain	Manually rotating
Structural design	Shut off valve filter regulator distributor 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
Pressure gauge	with pressure gauge
Operating pressure	0.15 MPa...1 MPa 1.5 bar...10 bar
Pressure regulation range	0.5 bar...7 bar
Max. pressure hysteresis	0.5 bar
Max. standard flow rate	2400 l/min
Standard nominal flow rate	400 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 32mm²/s at 40 °C Viscosity range 32 mm²/s (cSt) at 40 °C
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L

Feature	Value
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
Ambient temperature	-5 °C...50 °C
Product weight	360 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	G¼
Pneumatic connection 3	G1/4
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