

Service unit FRC-1/4-DB-7-MINI

Part number: 537654

FESTO



Data sheet

Feature	Value
Size	Mini
Width	88 mm
Series	DB
Actuator lock	Rotary knob with detent
Mounting position	Vertical +/-5°
Condensate drain	Manually rotating
Design	Filter/Closed-loop controller/lubricator
Grade of filtration	40 µm
Controller function	With secondary venting With return flow function
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	With pressure gauge
Operating pressure	0.15 MPa...1 MPa 1.5 bar...10 bar
Pressure regulation range	0.5 bar...7 bar
Inlet pressure 1	1.5 bar...10 bar
Max. pressure hysteresis	0.5 bar
Standard nominal flow rate (standardised to DIN 1343)	650 l/min
Operating medium	Compressed air to ISO 8573-1:2010 [-:-:-] Inert gases
Approved oils	Festo special oil in 1 litre containers Order code: 152 811 OFSW-32 ARAL Vitam GF 32 BP Energol HLP 32 ESSO Nuto H 32 MOBIL DTE 24 SHELL Tellus Oil DO 32 Range of viscosity 32 mm²/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
Air purity class at output	Compressed air to ISO 8573-1:2010 [7:8:-] Inert gases
Media temperature	-5 °C...50 °C
Oil viscosity	ISO VG 32
Ambient temperature	-5 °C...50 °C

Feature	Value
Product weight	300 g
Type of mounting	Either: In-line installation With through-hole Via mounting bracket
Pressure gauge connection	G1/8
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Material seals	NBR
Material rotary knob	POM
Material filter	PE
Material housing	PA-reinforced
Material bowl	PC