

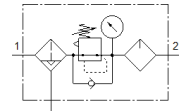
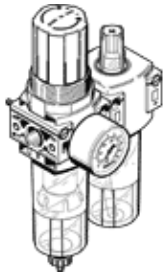
Service unit FRC-1/4-DB-7-MINI-H

Part number: 537656
Product to be discontinued

FESTO

Filter/pressure regulator/lubricator combination, maximum outlet pressure 7 bar, 40 µm filter. With pressure gauge and with directly controlled pressure regulator.

Type to be discontinued. Available until 2027. See Support Portal for alternative products.



Data sheet

Feature	Value
Size	Mini
Width	88 mm
Series	DB
Actuator lock	Rotary knob with lock
Assembly position	Vertical +/- 5°
Condensate drain	semi-automatic
Design structure	Filter regulator/lubricator
Grade of filtration	40 µm
Controller function	with secondary exhaust with return flow
Pressure gauge	with pressure gauge
Operating pressure MPa	0.15 ... 1 MPa
Working pressure	1.5 ... 10 bar
Pressure regulation range	0.5 ... 7 bar
Max. pressure hysteresis	0.5 bar
Standard nominal flow rate	>= 650 l/min
Operating medium	Compressed air in accordance with ISO8573-1:2010 [-:-:-] Inert gases
Approved oils	Festo special oil in 1-liter 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 32mm ² /s at 40°C ISO class VG 32 to ISO 3448
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Air purity class at output	Compressed air to ISO 8573-1:2010 [7:8:-] Inert gases
Medium temperature	-5 ... 50 °C
Oil viscosity	ISO VG 32
Ambient temperature	-5 ... 50 °C
Product weight	300 g
Mounting type	Line installation with through hole With mounting bracket Optional
Pressure gauge connection	G1/8
Pneumatic connection, port 1	G1/4

Feature	Value
Pneumatic connection, port 2	G1/4
Material seals	NBR
Material rotary knob	POM
Material filter	PE
Material housing	PA-reinforced
Material bowl	PC