

# service unit FRC-1/8-DB-7-5M-MINI-H

Part number: 537661

FESTO

Filter/pressure regulator/lubricator combination, maximum outlet pressure 7 bar, 5 µm filter. With pressure gauge and with directly controlled pressure regulating valve.



## 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	5 µm
Controller function	with secondary exhaust with return flow
Pressure gauge	with pressure gauge
Operating pressure	1.5 ... 10 bar
Pressure regulation range	0.5 ... 7 bar
Max. pressure hysteresis	0.5 bar
Standard nominal flow rate	>= 400 l/min
Operating medium	Compressed air in accordance with ISO8573-1:2010 [-:~:] 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 32mm <sup>2</sup> /s at 40°C ISO class VG 32 to ISO 3448
Corrosion resistance classification CRC	1
Air purity class at output	Compressed air to ISO 8573-1:2010 [6:8~:] Inert gases
Medium temperature	-5 ... 50 °C
Oil viscosity	ISO VG 32
Ambient temperature	-5 ... 50 °C
Product weight	300 g
Mounting type	Optional Line installation with through hole With mounting bracket
Pressure gauge connection	G1/8
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Materials information for seals	NBR
Material information, rotary knob	POM
Materials information for filter	PE
Materials information, housing	PA-reinforced
Materials information for bowl	PC