

- > Port size: Ø 6 ... 12 mm
G1/8 ... G3/8
- > Configuration flexibility
- > No tools required for assembly
- > Low weight
- > Automatic drain and service life indicator as standard



Technical features

Medium:

Compressed air

Maximum operating pressure:

8 bar (116 psi)

Element:

0,01 µm

 Note: Install with a 5 µm
Pre-Filter upstream

Remaining oil content:

 0,01 mg/m³ at +21°C (+69°F)

Drain:

Automatic

Automatic drain operating conditions (float operated):

Bowl pressure required to close drain: > 0,35 bar (5 psi)
 Bowl pressure required to open drain: ≤ 0,2 bar (2.9 psi)
 Minimum air flow required to close drain: 0,1 dm³/s (0.2 scfm)
 Manual operation: depress pin inside drain outlet to drain bowl

Ambient/Media temperature:


-20 ... +52°C (-4 ... +125°F)

Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Materials:

Body: PBT
 Transparent bowl: PC
 Element: Synthetic fiber and PE foam
 Elastomers:
 Bowl O-ring - CR
 All others - NBR
 Service indicator Body: PC
 Internal parts: Acetal
 Spring: Music wire ASTM 228
 Elastomers: CR

Technical data - standard models

Symbol	Port size	Connector	Flow (dm ³ /s) *1)	Element (µm)	Drain	Weight (kg)	Model
	G 1/4	With mounting bracket	4,6 (276 l/min)	0,01	Automatic	0,20	F92C-2GD-AT0

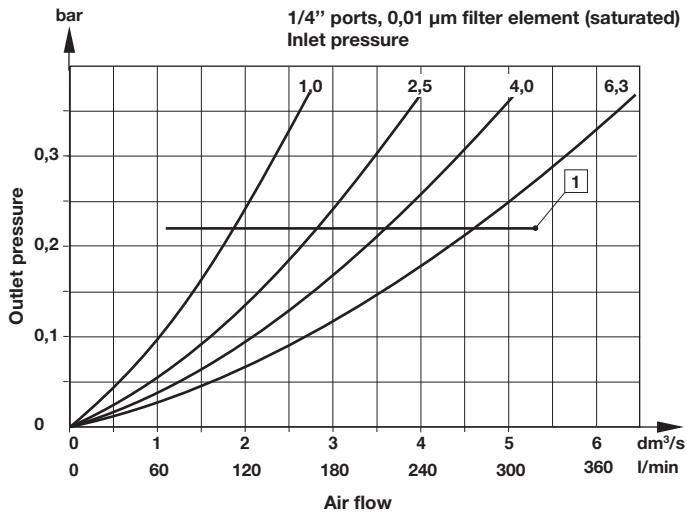
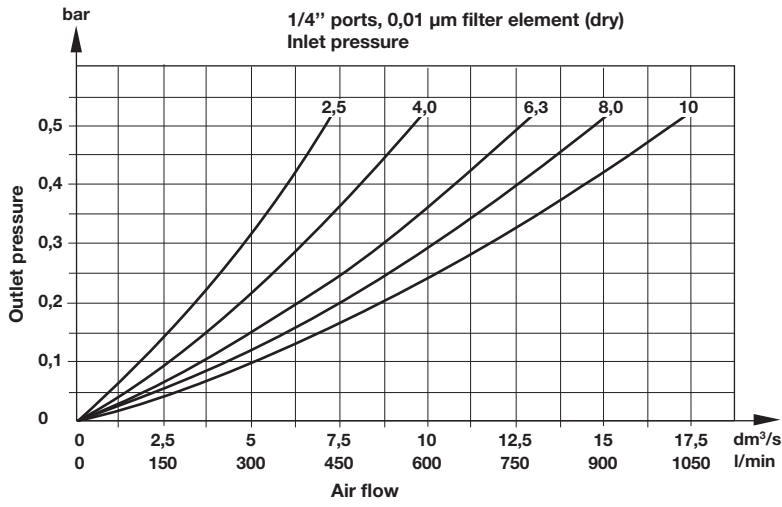
*1) Maximum flow with 6.3 bar inlet pressure to maintain stated oil removal performance (saturated element)

Option selector

F92C-★★D-AT0

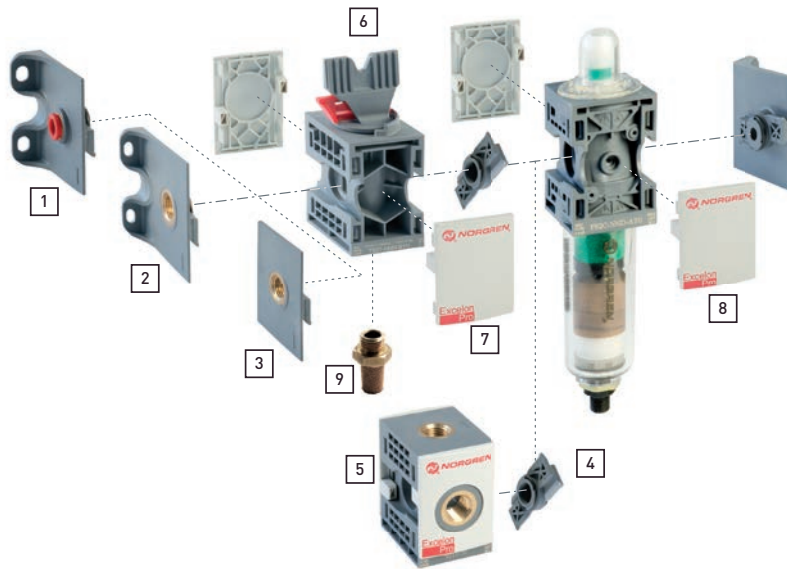
Connector with mounting bracket	Substitute	Connector without mounting bracket	Substitute
6 mm Push-in fitting	6D	G1/4	2V
8 mm Push-in fitting	8D	Connector Without	NN
10 mm Push-in fitting	AD		
12 mm Push-in fitting	BD		
G 1/8	1G		
G 1/4	2G		
G 3/8	3G		

Flow characteristics



1 Maximum flow to maintain stated oil removal performance

Component parts and accessories



	Push-in fitting connector with mounting bracket	Threaded connector with mounting bracket	Threaded connector without mounting bracket		
Port size	1	2	3		
G1/8	-	9212KIT-1G	-		
G1/4	-	9212KIT-2G	9211KIT-2V		
G3/8	-	9212KIT-3G	-		
ø 6 mm	9213KIT-6D	-	-		
ø 8 mm	9213KIT-8D	-	-		
ø 10 mm	9213KIT-AD	-	-		
ø 12 mm	9213KIT-BD	-	-		
Quick connector	Porting block Plugs not included	Lockout/shut-off valve with exhaust port	Locking plate	Silencer	
4	5	6	7	9	
9210-50	9216-51	T92T-NNN-B1N	9236-88	T40M0500	

Warning
Locking plates MUST be in place before pressurizing any Excelon Pro unit.

Service kit



F92C-KIT

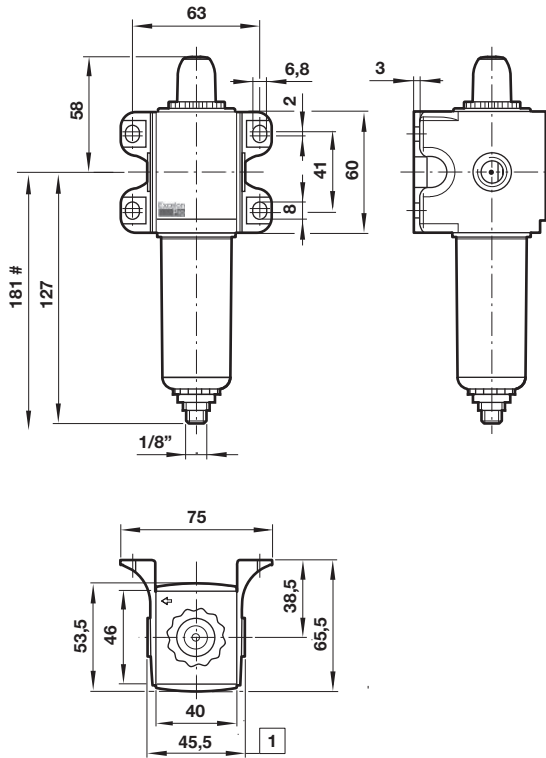
4000-50R

9225KIT-51

Drawings

Coalescing filter with wall mounting bracket

Dimensions in mm
Projection/First angle



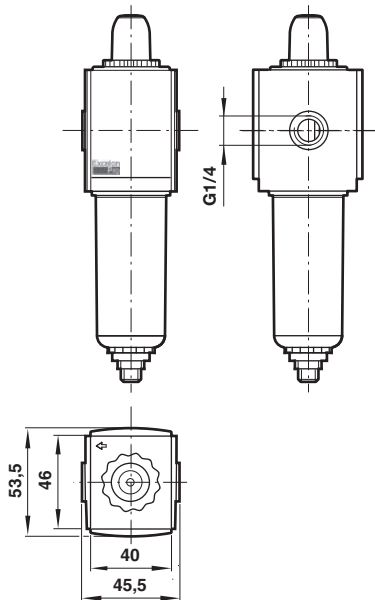
Minimum clearance required to remove bowl

1 Connector Dimensions

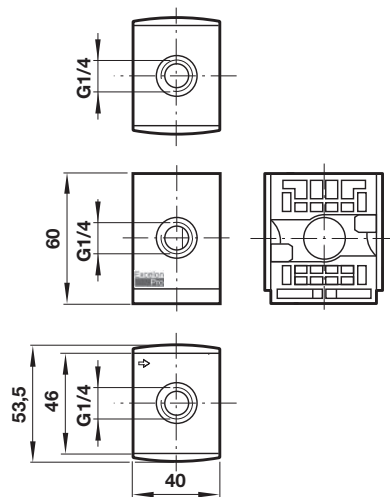
1/8" and 1/4" threaded connectors shown. See below for port-to-port dimensions for additional connectors.

PIF Connector	Port-to-port
6 mm, 8 mm	60
10 mm, 12 mm	62
Threaded connector	
G1/8, G1/4	45,5
G3/8	76

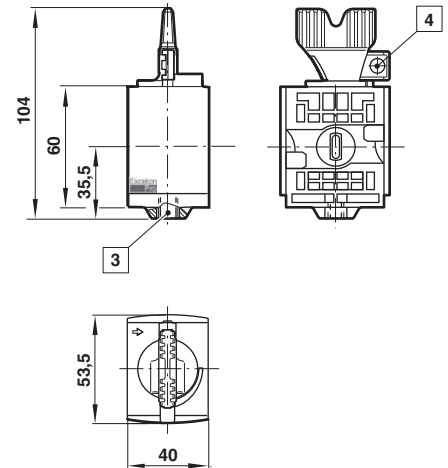
Coalescing filter without mounting bracket, G 1/4 port size



Porting block



Lockable/shut off valve



3 M5 exhaust port

4 Lever lockable only in closed position.

Lock slide accepts ø 7 mm padlock/shackle.

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under »Technical features/data«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI Precision Engineering, Norgren Inc. Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.