

Configuration flexibility

Excellent value

No tools required for assembly

Low weight

Automatic drain and service life indicator as standard



Technical features

Medium:

Compressed air

Operating pressure:

8 bar max.

Element:

0,01 µm

Note: Install with a 5 µm
Pre-Filter upstream

Remaining oil content:

0,01 mg/m³ at +21°C

Fluid/Ambient temperature:

-20°C ... +52°C

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

Drain:

Automatic drain operating
conditions (float operated):

Bowl pressure required to
close drain: > 0,35 bar

Bowl pressure required to
open drain: ≤ 0,2 bar

Minimum air flow required to
close drain: 0,1 m³/s (6 l/min)

Manual operation: depress pin
inside drain outlet to drain bowl

Materials:

Body: PBT

Transparent bowl: Polycarbonate

Element: Synthetic fiber
and polypropylene foam

Elastomers:

Bowl O-ring - Neoprene

All others - Nitrile

Service indicator


Body: Polycarbonate

Internal parts: Acetal

Spring: Music wire ASTM 228

Elastomers: Neoprene

Technical data, standard model

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)

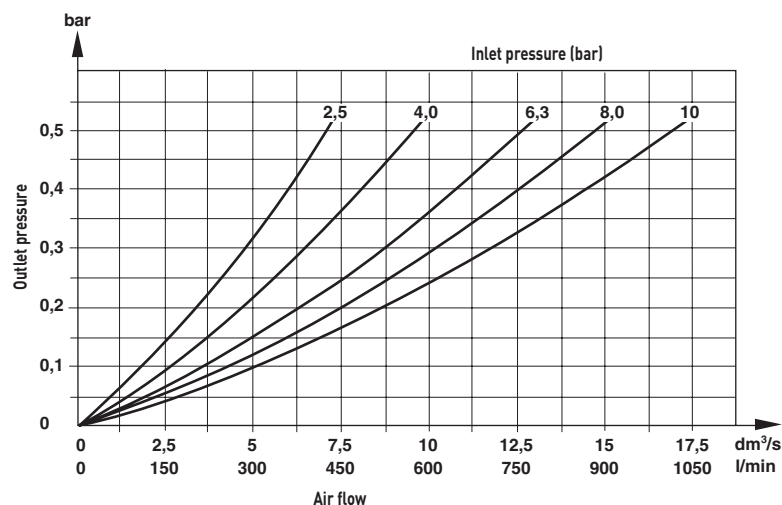
Options selector

F92C-★★D-AT0

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

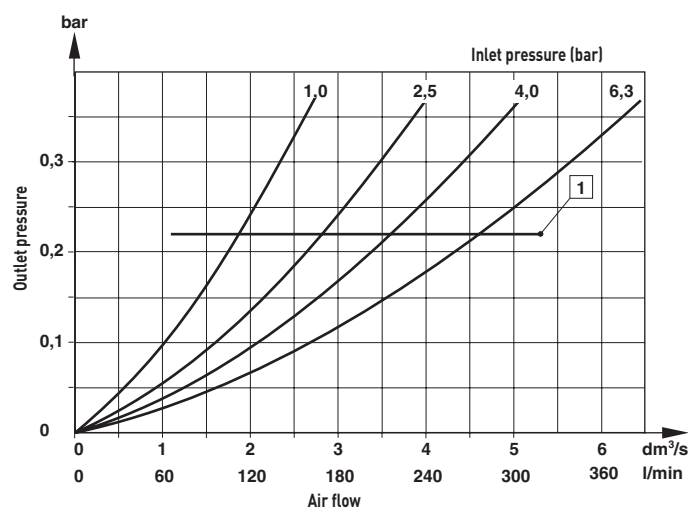
Flow characteristics

1/4" ports, 0,01 µm filter element (dry)



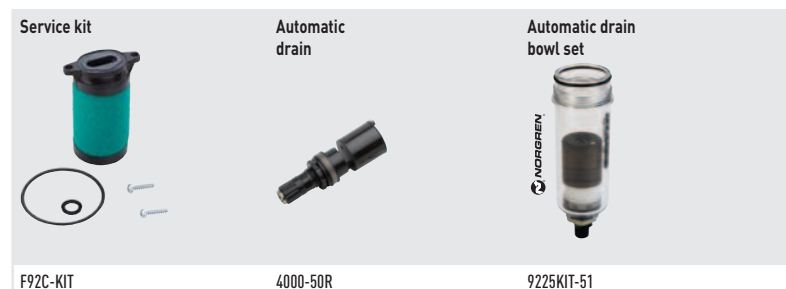
Flow characteristics

1/4" ports, 0,01 µm filter element (saturated)

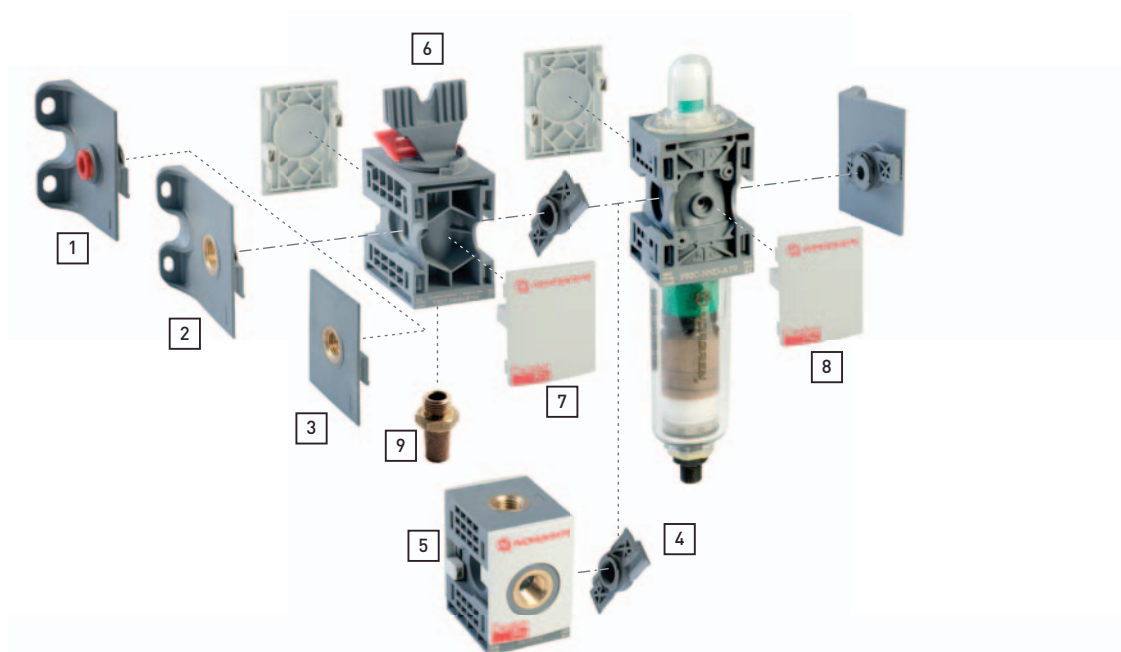


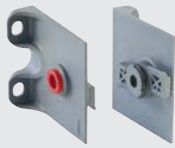
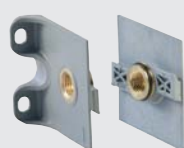






1 Maximum flow to maintain stated oil removal performance

Service kit



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/X10 *1)	T40M0500	

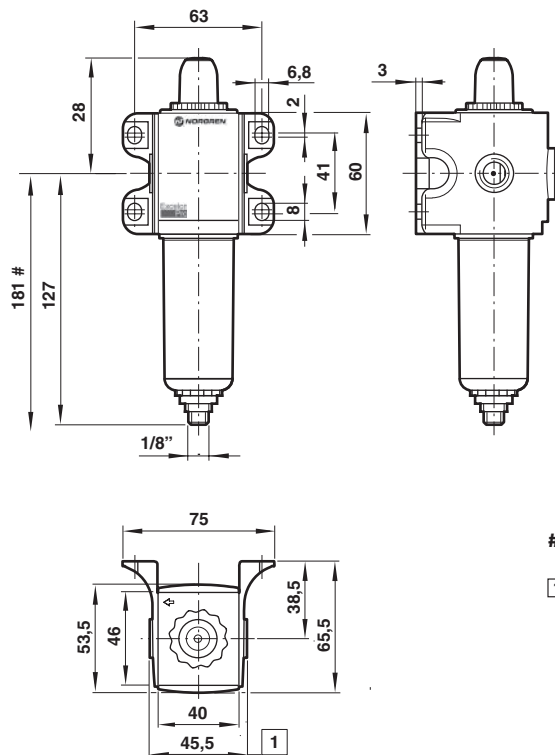
*1) 10 pieces



Warning

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

Coalescing filter with wall mounting bracket



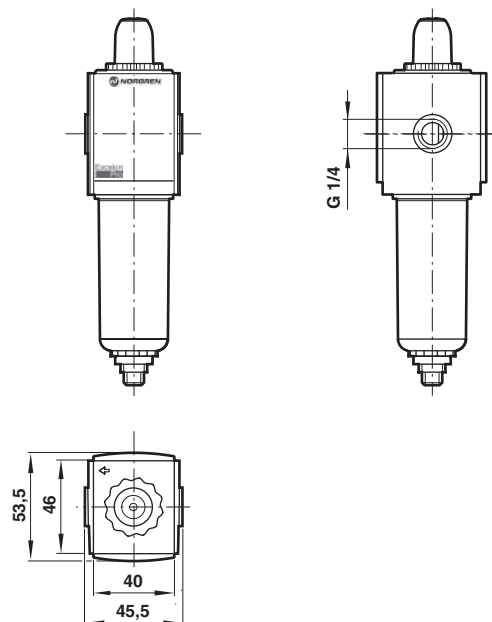
Minimum clearance required to remove bowl

1 Connector Dimensions

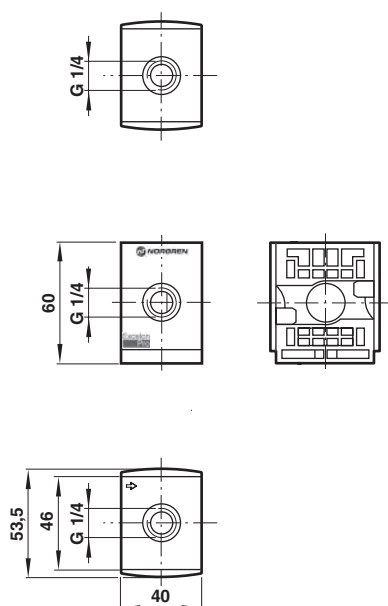
1/8" and 1/4" threaded connectors shown.
See below for port-to-port dimensions
for additional connectors.

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

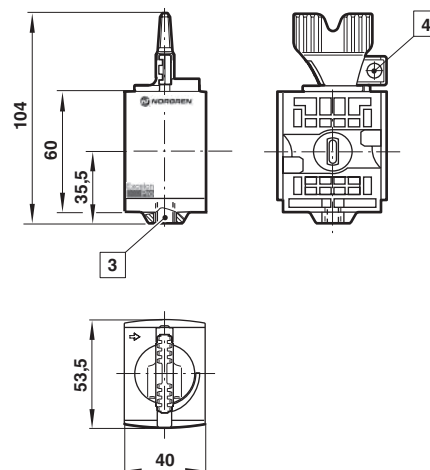
Coalescing filter without mounting bracket, G 1/4 port size



Porting block



Lockable/shut off valve



- 3 M5 exhaust port
- 4 Lever lockable only in closed position.
Lock slide accepts $\varnothing 7$ 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**«.

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 NORGREN.

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 pneumatic 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.