Excelon® Pro
Coalescing filter
ø 6 ... 12 mm, G 1/8 ...G 3/8

Selected options provides ease of ordering
Configuration flexibility
Excellent value
No tools required for assembly
Automatic drain and service life indicator as standard
RoHS compliant

Technical data

Medium:
Compressed air

Operating pressure:
8 bar max.

Ambient temperature:
-20°C* to +52°C
* Consult our Technical Service for use below +2°C

Element:
0,01 µm

Max recommended flow:
4,6 dm³/s (276 l/min) max.
(port size G 1/4, inlet pressure 6,3 bar)

Remaining oil content:
0,01 mg/m³ at +21°C

Note:
Install with a 5 µm Pre-Filter upsteam

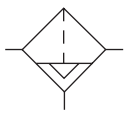
Drain:
Automatic drain operating conditions (float operated):
Bowl pressure required to close drain: > 0,3 bar
Bowl pressure required to open drain: ⩽ 0,2 bar
Minimum air flow required to close drain: 0,1 dm³/s (6 l/min)

Ordering information

See page 2

Materials:

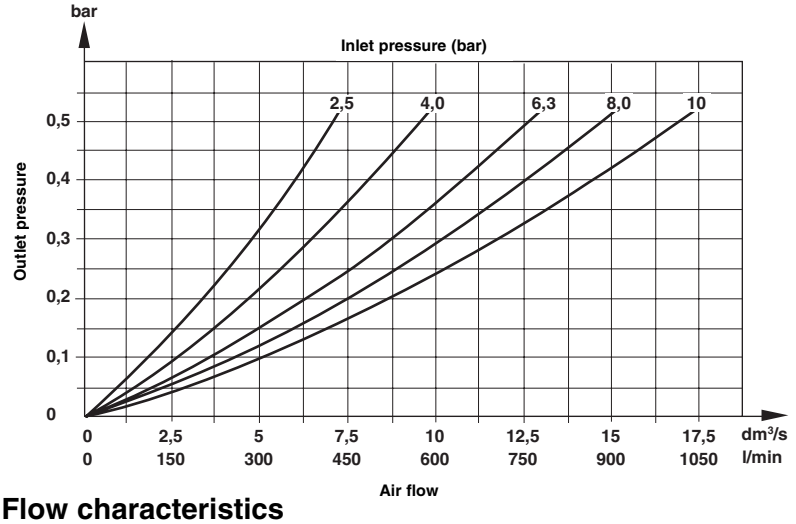
Body: PBT
Transparent bowl: Polycarbonate
Element: Synthetic fiber and polypropylene foam
Elastomers: Bowl O-ring - Neoprene
All others - Nitrile
Service indicator
Body: Polycarbonate
Internal parts: Acetal
Spring: Music wire ASTM 228
Elastomers: Neoprene



Automatic drain

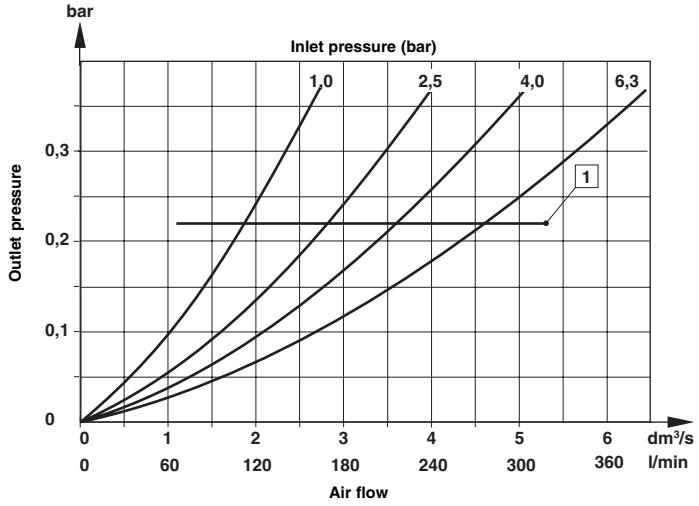
Flow characteristics

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**

Standard model

Port Size	Model	Flow dm³/s *1)	Weight (kg)
G 1/4	F92C-2GD-AT0	4,6 (276 l/min)	0,20

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

Ordering example

Coalescing filter - G 1/4 with mounting bracket, automatic drain, transparent bowl, 0,01 µm element and service indicator.
Quote: F92C-2GD-AT0

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

Accessories

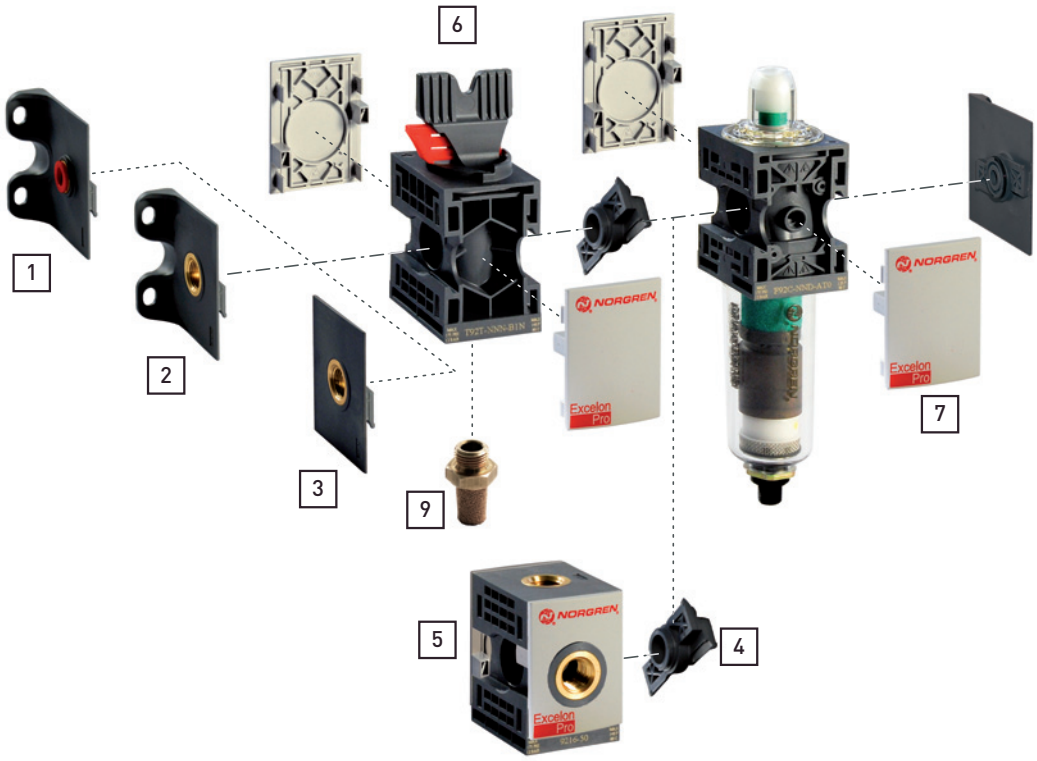
Port size	Push-in fitting connector with mounting bracket 1	Threaded connector with mounting bracket 2	Threaded connector without mounting bracket 3
G1/8	-	9212KIT-1G	-
G1/4	-	9212KIT-2G	9211KIT-2V
G3/8	-	9212KIT-3G	-
ø 6 mm	9213KIT-6D	-	-
ø 8 mm	9213KIT-8D	-	-
ø 10 mm	9213KIT-AD	-	-
ø 12 mm	9213KIT-BD	-	-

Service kit

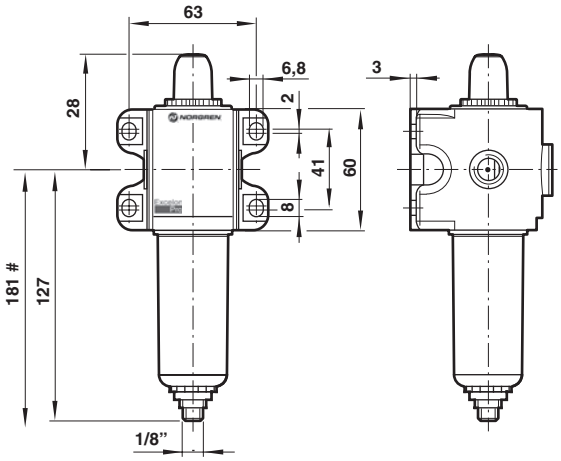
Service kit	Automatic drain
F92G-KIT	4000-50R

Quick connector 4	Porting block Plugs not included 5	Lockout/shut-off valve with exhaust port 6	Locking plate 7	Locking plate front plate of porting block	Silencer for shut-off valve 9
9210-50	9216-51	T92T-NN-B1N	9236-88/X10 (quantity 10)	9236-89/X10 (quantity 10)	T40M0500

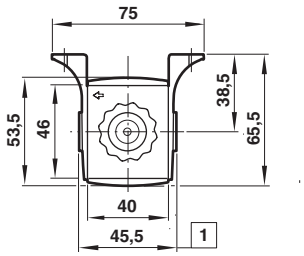
Warning
Locking plates **MUST** be in place before pressurizing any Excelon Pro unit.



Coalescing filter with wall mounting bracket



Automatic drain

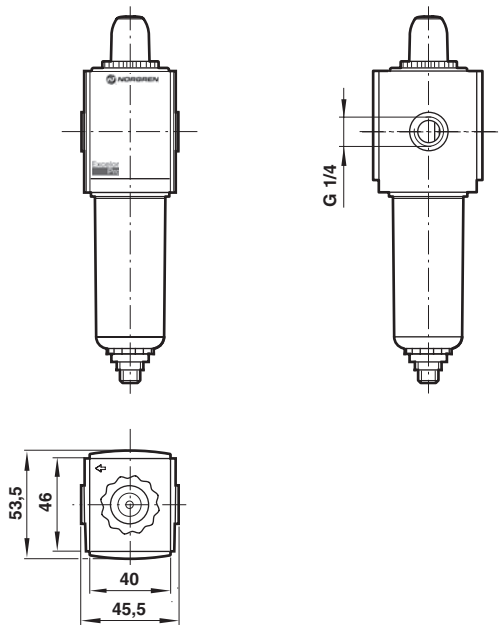


**Minimum clearance required to remove bowl**

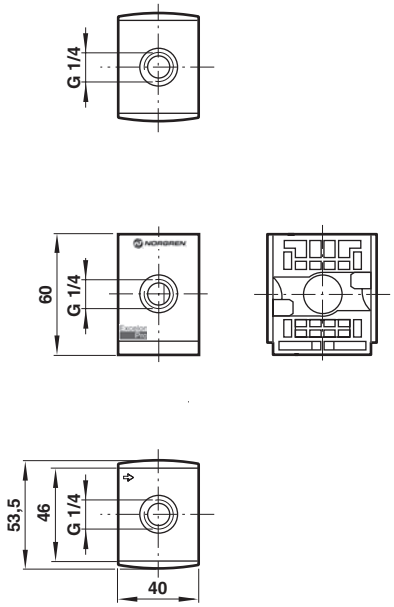
1 **Connector Dimensions**
1/8" and 1/4" threaded connectors shown. See below for port-to-port dimensions for additional connectors.

PIF Connector	**Port-to-port**
6 mm, 8 mm	60
10 mm, 12 mm	62
Threaded connector	
1/8", 1/4"	45,5
3/8"	76

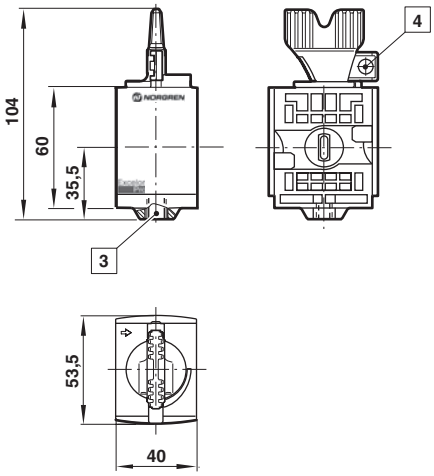
Coalescing filter without mounting bracket, G 1/4 port size



Porting block



Lockable/shut off valve



3 **M5 exhaust port**

4 **Lever lockable only in closed position. Standard clip accepts ø 7 mm 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 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 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 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.