

- > Port size: Ø 6 ... 12 mm
G1/8 ... G3/8
- > Configuration flexibility
- > Low weight
- > No tools required for assembly



Technical features

Medium:

Compressed air

Maximum operating pressure:

12 bar (174 psi)

(Manual drain)

10 bar (145 psi)

(Automatic drain)

Element:

5 µm

Drain:

Manual or 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

Bonnet: PBT

Valve elastomer: Geolast

Diaphragm: NBR

Transparent bowl: PC

Element: Sintered PE

Gauge: Brass body, plastic face

Elastomers:

Bowl O-ring - CR

All others - NBR

Technical data - standard models - relieving

Symbol	Port size	Connector	Pressure range (bar)	Flow (dm³/s) *	Element (µm)	Drain	Gauge	Weight (kg)	Model
	G 1/4	With mounting bracket	0,3 ... 10	19 (1140 l/min)	5	Manual	Included	0,28	B92G-2GK-QT1-RMG
	G 1/4	With mounting bracket	0,3 ... 10	19 (1140 l/min)	5	Automatic	Included	0,28	B92G-2GK-AT1-RMG

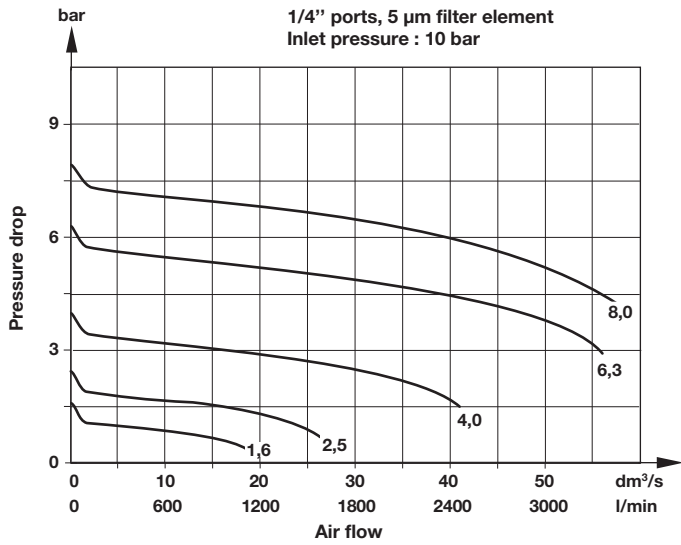
* Typical flow with 10 bar inlet pressure, 6,3 bar set pressure and a 1 bar drop from set.

Option selector

B92★-★★K-★T1-RMG

Flow direction	Substitute	←	→	Drain	Substitute
From left to right (standard)	G			Manual	Q
Connector with mounting bracket	Substitute	←	→	Automatic	A
6 mm Push-in fitting	6D			Connector without mounting bracket	Substitute
8 mm Push-in fitting	8D			G1/4	2V
10 mm Push-in fitting	AD			Connector	Substitute
12 mm Push-in fitting	BD			Without	NN
G 1/8	1G				
G 1/4	2G				
G 3/8	3G				

Flow characteristics

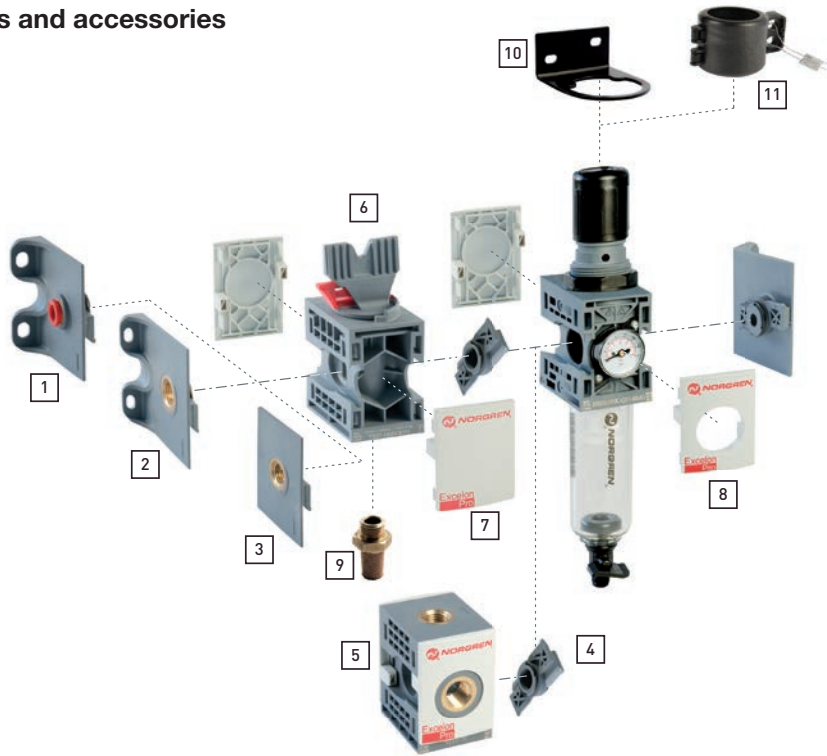


Service kit



*2) Part number = five gauges, installation screws, O-ring and screwdriver

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	-	-

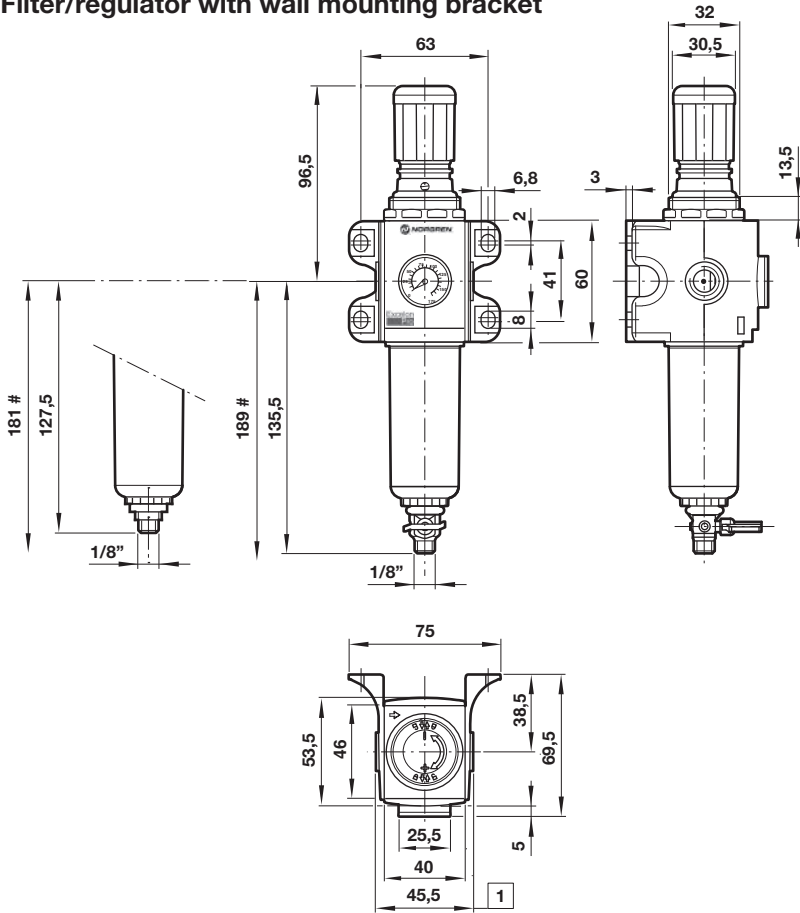
4	5	6	7
9210-50	9216-51	T92T-NNN-B1N	9236-88
Locking plate for gauge side only	Silencer	Wall mounting	Tamper resistant cover and seal wire
8	9	10	11
9236-89	T40M0500	74316-02	9255-51

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

Drawings

Filter/regulator with wall mounting bracket

Dimensions in mm
 Projection/First angle



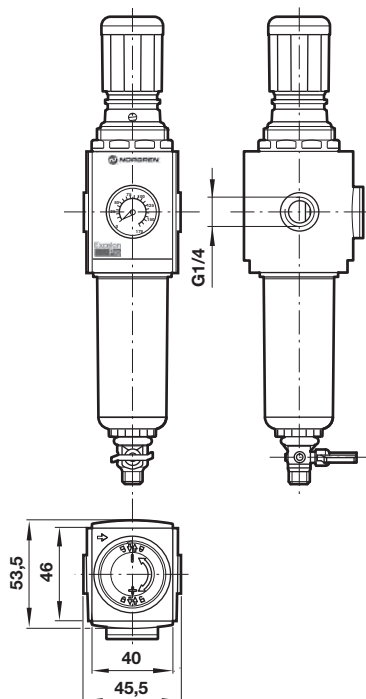
Minimum clearance required to remove bowl

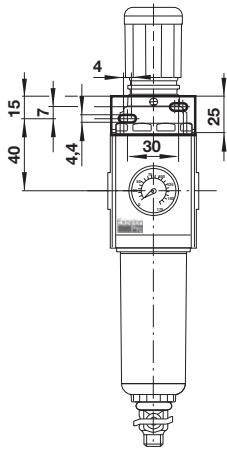
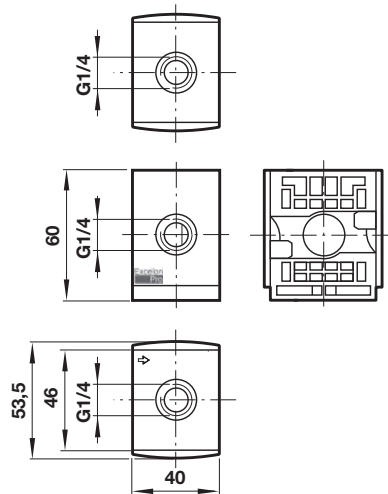
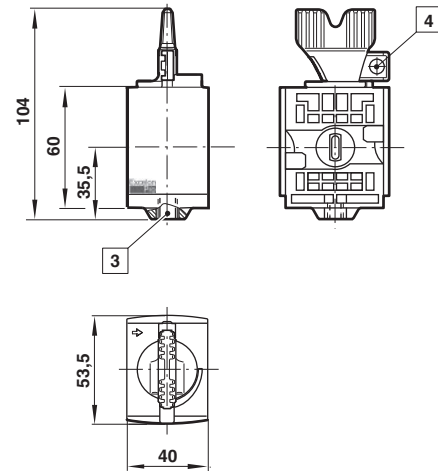
1 Connector Dimensions

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

Filter/regulator without mounting bracket, G 1/4 port size



Wall mounting

Porting block

Lockable/shut off valve

 Dimensions in mm
 Projection/First angle


- 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/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.