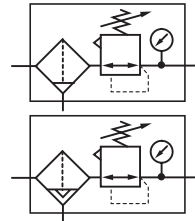


Configuration flexibility

Excellent value

Low weight

No tools required for assembly



Technical features

Medium:

Compressed air

Operating pressure:

12 bar max. (Manual drain)
 10 bar max. (Automatic drain)

Element:

5 µm

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
 Bonnet: PBT
 Valve elastomer: Geolast
 Diaphragm: Nitrile
 Transparent bowl: Polycarbonate
 Element: Sintered polypropylene
 Gauge: Brass body, plastic face
 Elastomers:
 Bowl O-ring - Neoprene
 All others - Nitrile

Technical data, standard model - 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.

Options selector

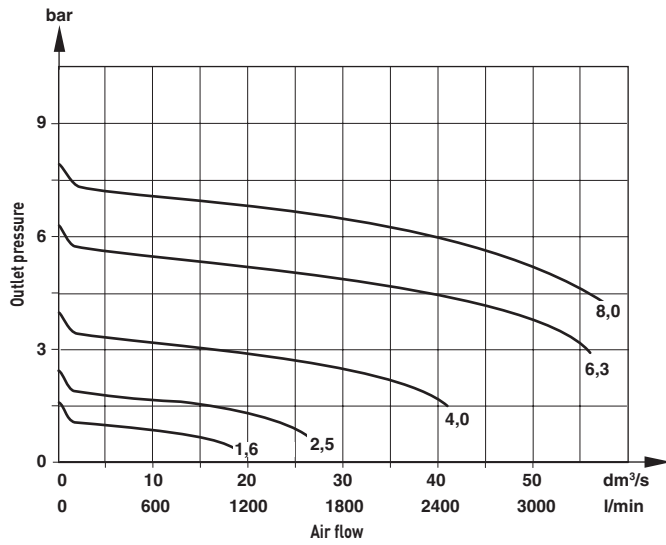
B92★-★K-★T1-RMG

Flow direction	Substitute	←	→	Drain	Substitute
From left to right (standard)	G			Manual	Q
From right to left	B			Automatic	A
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	←			
G1/4	2V				
Connector	Substitute	←			
Without	NN				







Flow characteristics

Inlet pressure: 10 bar, filter element: 5 µm

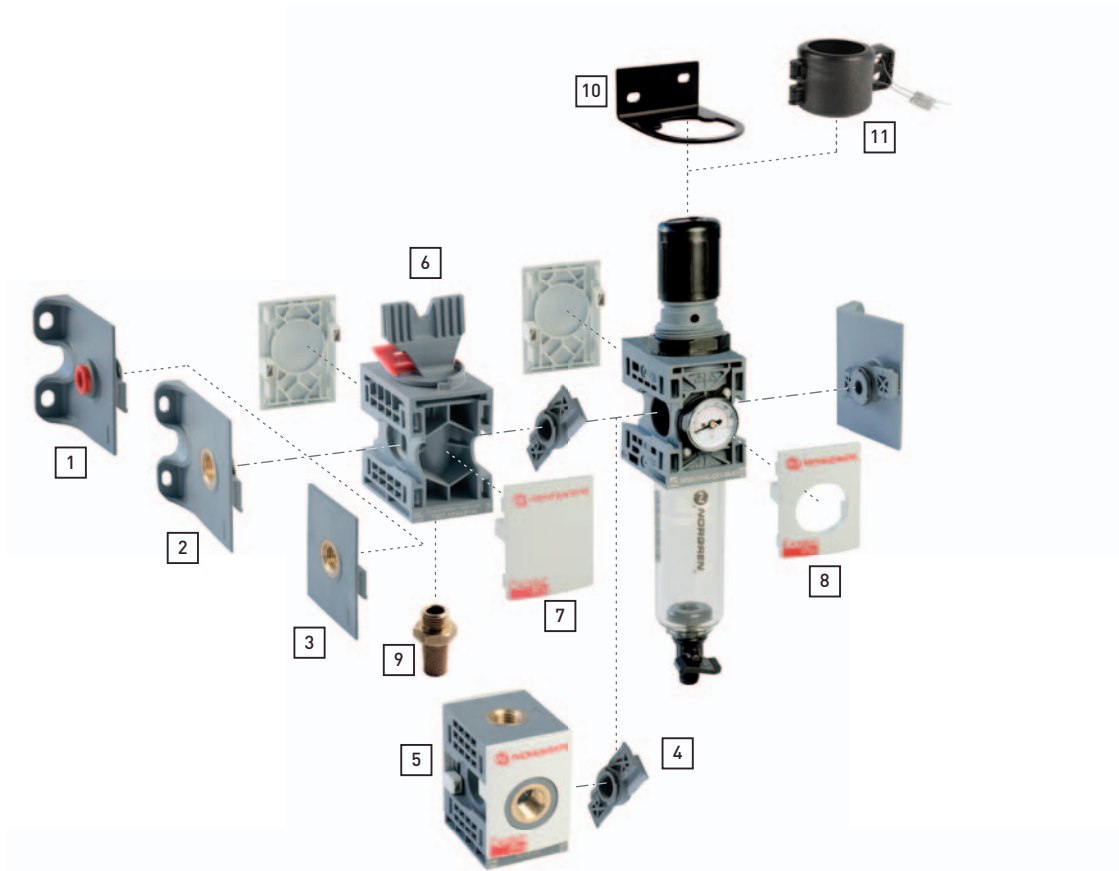
Port size: G1/4



Service kit

Service kit	Automatic drain	Gauge set bar/psi	Gauge set bar/Mpa	Automatic drain bowl set	Manuel drain bowl set
					
B92G-KITR	4000-50R	9273KIT-01 *2]	9273KIT-02 *2]	9225KIT-51	9225KIT-50

*2) Part number = five gauges, 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	-	-

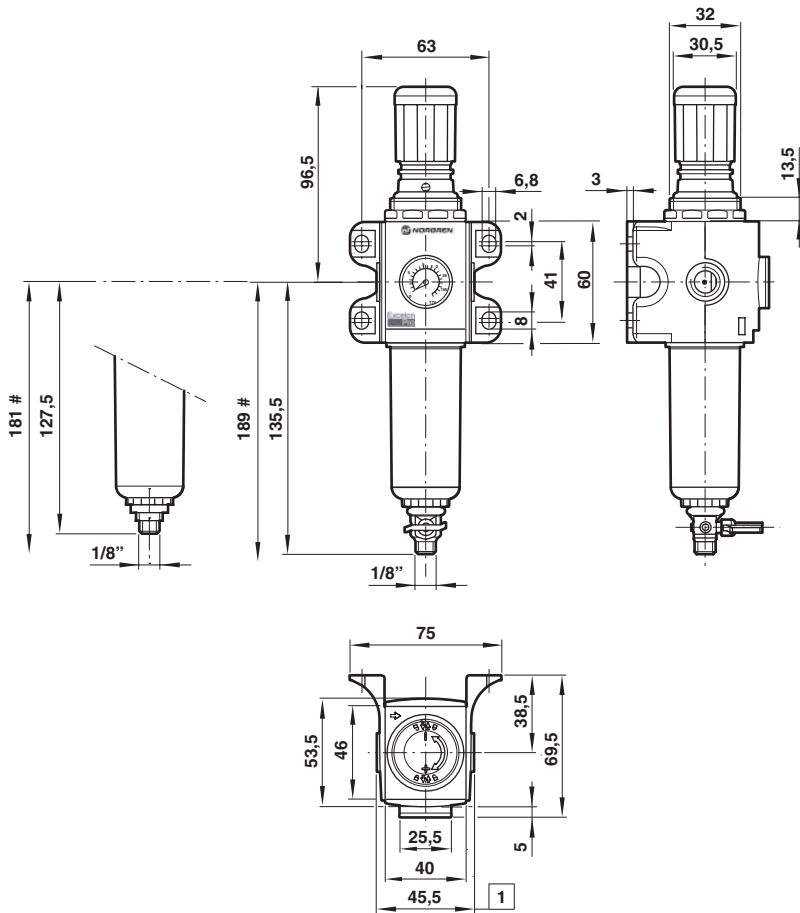
Wall mounting	Quick connector	Porting block Plugs not included	Lockout/shut-off valve with exhaust port	Locking plate	Locking plate for gauge side only	Silencer for shut-off valve	Tamper resistant cover and seal wire
10	4	5	6	7	8	9	11
74316-02	9210-50	9216-51	T92T-NNN-B1N	9236-88/X10 *1)	9236-89/X10 *1)	T40M0500	9255-51

*1) 10 pieces


Warning

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

Filter/regulator with wall mounting bracket



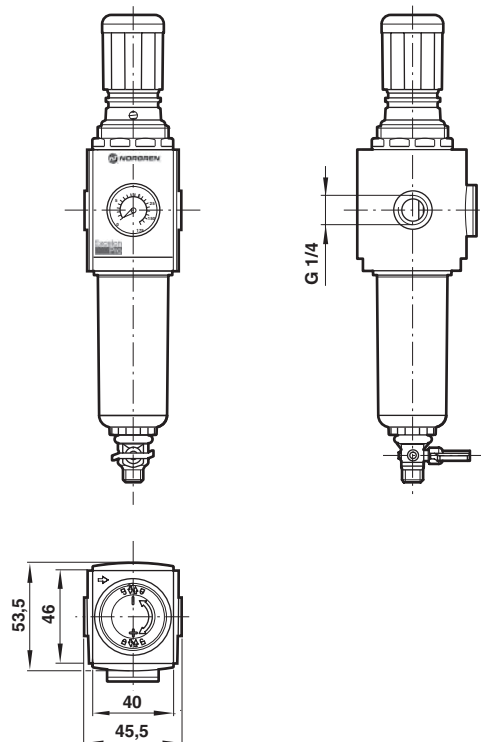
Minimum clearance required to remove bowl

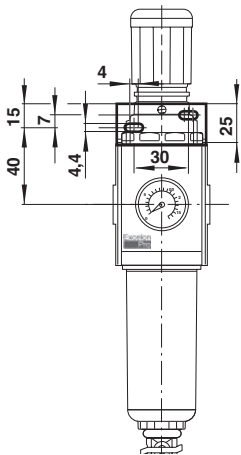
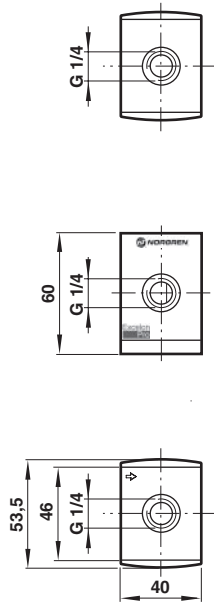
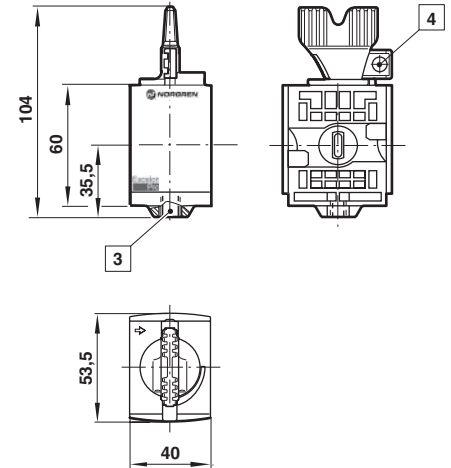
1 Connector Dimensions

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

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



Wall mounting

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.