

- > Port size: 1/4" or 3/8" (ISO G, PTF)
- > Excelon design allows in-line or modular installation with other Excelon products
- > Adsorbing type activated carbon element removes oil vapours and most hydrocarbon odours
- > Quick release bayonet bowl
- > High intensity blue colour change indication



Technical features

Medium:

Compressed air only

Maximum operating pressure:

10 bar (145 psi)

Remaining oil content:

0,003 mg/m³ max. at +21°C (69°F)

Port size:

G1/4, G3/8, 1/4" or 3/8" PTF

Flow:

1,6 dm³/s

To maintain stated oil content at 6,3 bar (91 psi) inlet pressure

Ambient/Media temperature:

-20° ... +65°C (-4° ... +149°F)

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

Materials:

Body: Zinc

Transparent bowl: PC

Element: Activated carbon & PC

Elastomers: NBR

Technical data - standard models

| Symbol | Port size | Size | Bowl | Weight (kg) | Model |
|--------|-----------|-------|------------------|-------------|--------------|
| | G1/4 | Basic | PC (transparent) | 0,52 | F72V-2GN-ETC |
| | G3/8 | — | PC (transparent) | 0,52 | F72V-3GN-ETC |

Option selector

F72V-★★N-ETC

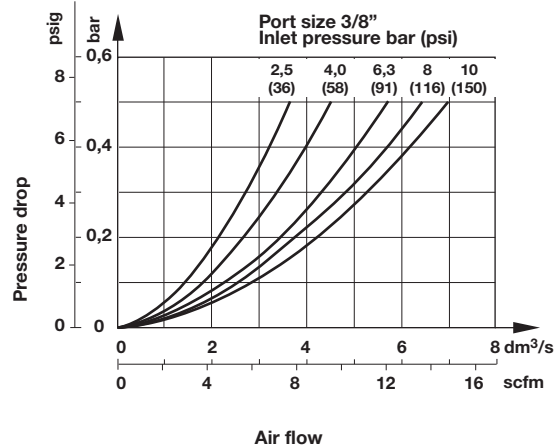
| Port size | Substitute |
|-----------|------------|
| 1/4" | 2 |
| 3/8" | 3 |

| Thread form | Substitute |
|---------------------------|------------|
| PTF | A |
| ISO G parallel (standard) | G |








Typical performance characteristics

| Inlet pressure (bar) | Maximum flow dm ³ /s* |
|----------------------|----------------------------------|
| 2,5 | 1,0 |
| 4 | 1,3 |
| 6,3 | 1,6 |
| 8 | 1,8 |
| 10 | 2,0 |

* Maximum flow to maintain stated oil removal performance






Accessories

| Wall mounting bracket | Quikclamp® | Quikclamp with wall bracket® | Quikmount pipe adaptor *1) | Porting block with three alternative 1/4" ports | 2/2 Shut-off valves (for full technical specification see datasheet 8.160.600) | 3/2 Shut-off valves (for full technical specification see datasheet 8.160.600) |
|---|---|---|---|---|--|--|
|  |  |  |  |  |  |  |
| Page 3 | Page 3 | Page 3 | Page 3 | Page 3 | Page 3 | Page 3 |
| 4224-50 | 4214-51 | 4214-52 | G1/4: 4215-08 G3/8: 4215-09 1/4 PTF: 4215-02 3/8 PTF: 4215-03 | G1/4: 4216-52 1/4 PTF: 4216-50 | G1/4: T72B-2GA-P1N G3/8: T72B-3GA-P1N 1/4 PTF: T72B-2AA-P1N 3/8 PTF: T72B-3AA-P1N | G1/4: T72T-2GA-P1N G3/8: T72T-3GA-P1N 1/4 PTF: T72T-2AA-P1N 3/8 PTF: T72T-3AA-P1N |

*1) Please use a Quikmount pipe adaptor if the Quikclamp be mounted at inlet or outlet side.

Pressure switch

| Porting block for pressure switch | Pressure switch (0,5 ... 8 bar) | Padlock (brass) with two keys *1) |
|---|---|---|
|  |  |  |
| 0523109000000000 | 0881300000000000 | 0613633000000000 |

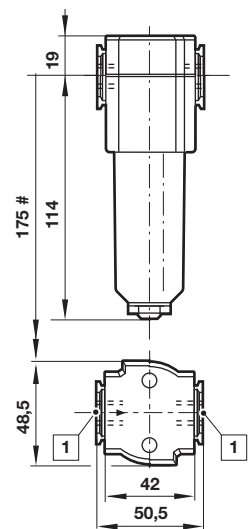
*1) for shut-off valves

Service kits

| Service kit |
|---|
|  |
| F72V-KITA0V |

Drawings

Standard Transparent/Metal bowl

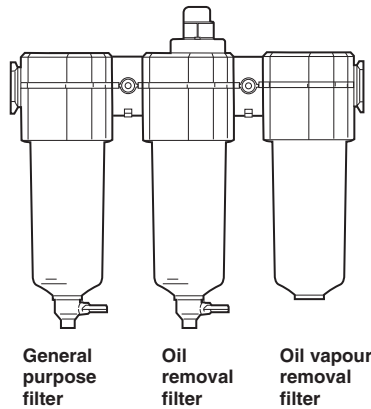


Minimum clearance required to remove bowl

1 Main ports 1/4" or 3/8"

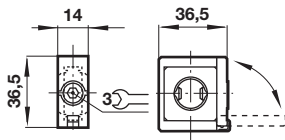
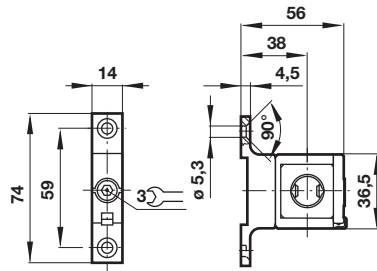
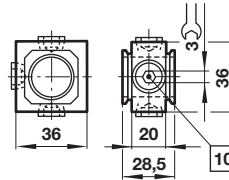
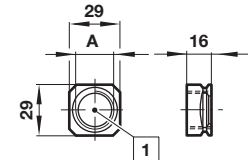
Oil vapour removal filters must be protected upstream by an oil removal filter.
A typical assembly:

Dimensions in mm
 Projection/First angle



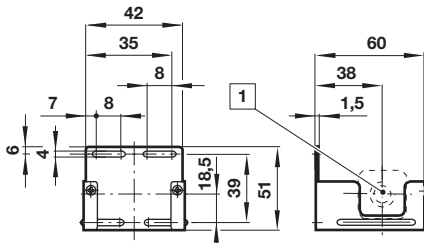
Accessories

 Dimensions in mm
 Projection/First angle

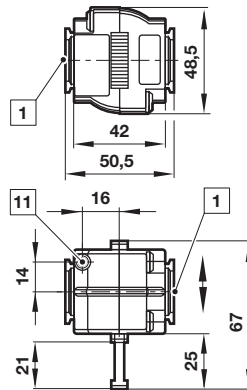
Quikclamp®

Quikclamp® with wall bracket

Porting block

Pipe adapter


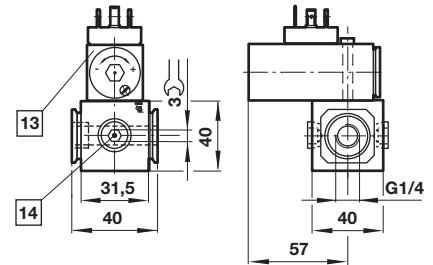
1 Main ports 1/4" or 3/8" ISO G/PTF

10 Ports (G1/4 or 1/4 NPT) plugged

Wall mounting bracket


1 Main ports

Shut-off valves

 1 Main ports 1/4" or 3/8" ISO G/PTF
 11 Exhaust port M5 at 3/2 valve only

Porting block for pressure switch

 13 Pressure switch is not in scope of delivery
 14 Alternative G1/4 ports plugged

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.