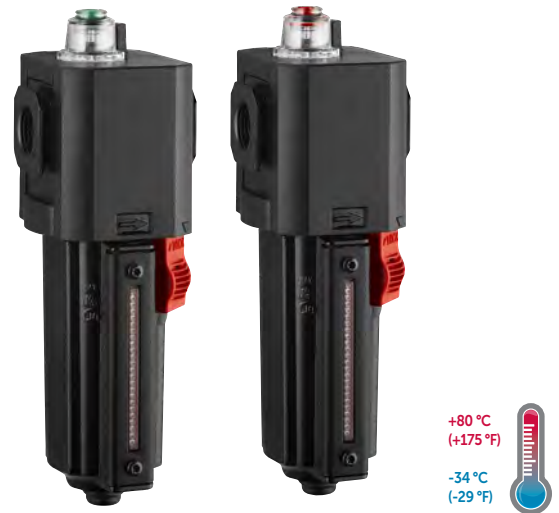


HL84M, HL84C - Lubricators For Extreme Temperature Applications Excelon® Plus Modular System

- Port size: 3/8" ... 3/4" (ISO G/PTF)
- Excelon® Plus design allows in-line installation or modular installation with other Excelon® Plus products
- Flow sensor provides a nearly constant oil/air ratio over a wide range of flows
- Double safety lock bowl
- Metal bowl with prismatic liquid level indicator lens
- All round (360°) visibility of sightdome for ease of drip rate setting
- Choice of two oil delivery systems
- Salt Spray compliant to ISO 9227
- ABS cover with High impact properties



Technical features

Medium:

Compressed air only

Maximum supply pressure:

Metal bowl: 20 bar (290 psi)

Bowl

0,2 litre

Port size:

G3/8, G1/2, G3/4,
3/8 PTF, 1/2 PTF, 3/4 PTF

Flow:

Micro-fog : 73 dm³/s
Oil-fog: 91 dm³/s at port size:
1/2", operating pressure: 6,3 bar
(91 psi) and Δp: 0,5 bar (7.25 psi)
Start point:
0,94 dm³/s

Ambient/Media temperature:

-34 ... 80°C (-29 ... +175°F)
Air supply must be dry enough
to avoid ice formation at
temperatures below +2°C (+35°F).

Materials:

Metal Bowl: Die cast Aluminium
with PA liquid level indicator lens
Body: Die cast aluminium
Body cover:
ABS (Magnum 3904)
Sightdome: Transparent PA
Bowl O-ring:
Low temperature Nitrile
Elastomers:
Low temperature Nitrile

Technical data HL84 - standard models

Symbol	Port size	Lubricator type	Bowl	Weight (kg)	Model
	G3/8	Micro fog	Metal with level indicator	0,53	HL84M-3GP-EDN
	G1/2	Micro fog	Metal with level indicator	0,53	HL84M-4GP-EDN
	G3/4	Micro fog	Metal with level indicator	0,53	HL84M-6GP-EDN
	G3/8	Oil fog	Metal with level indicator	0,53	HL84C-3GP-EDN
	G1/2	Oil fog	Metal with level indicator	0,53	HL84C-4GP-EDN
	G3/4	Oil fog	Metal with level indicator	0,53	HL84C-6GP-EDN

Option selector

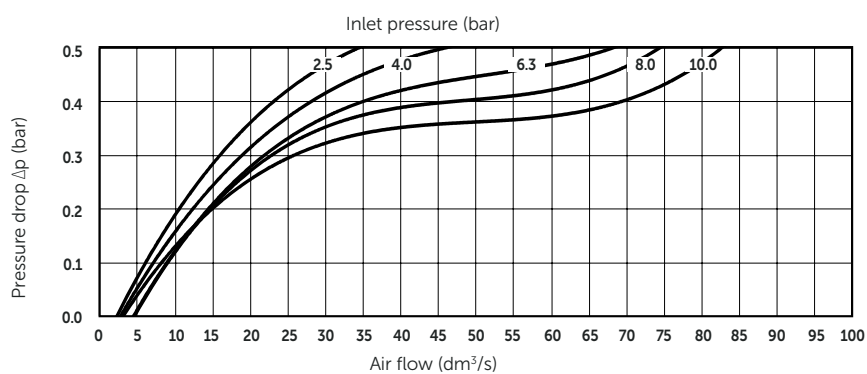
Type	Substitute
Oil fog lubricator	C
Micro fog lubricator	M
Port size	Substitute
3/8"	3
1/2"	4
3/4"	6

HL84★-★★P-★DN

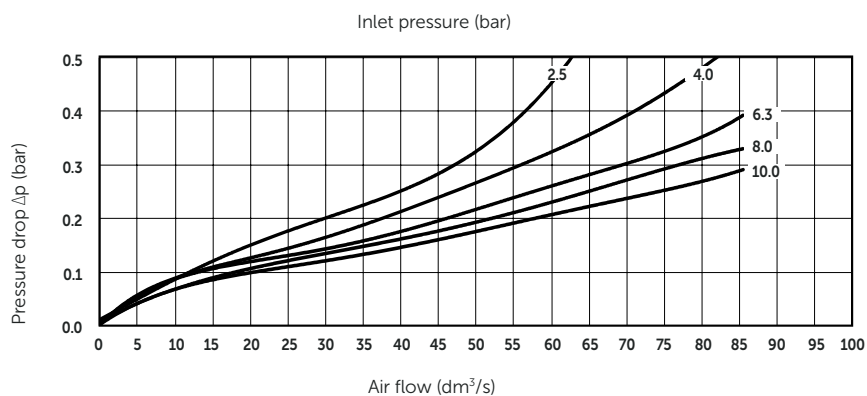
Drain	Substitute
None (standard)	E
Manual	Q
Thread form	Substitute
PTF	A
ISO G parallel (standard)	G

Flow characteristics

Micro fog
Port size: 1/2"



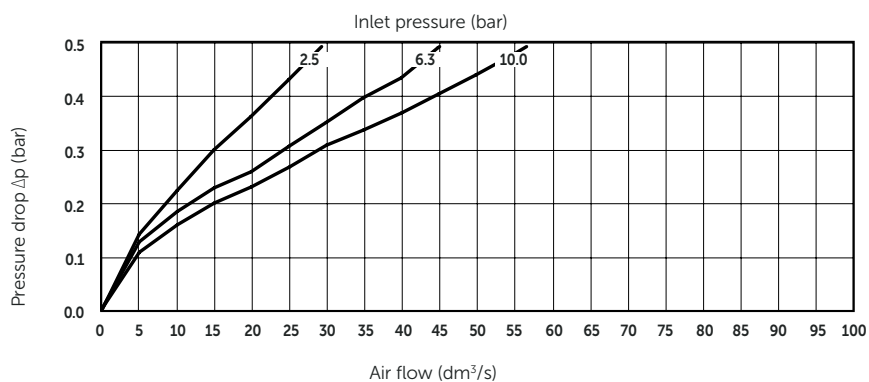
Oil fog
Port size: 1/2"



Flow characteristics

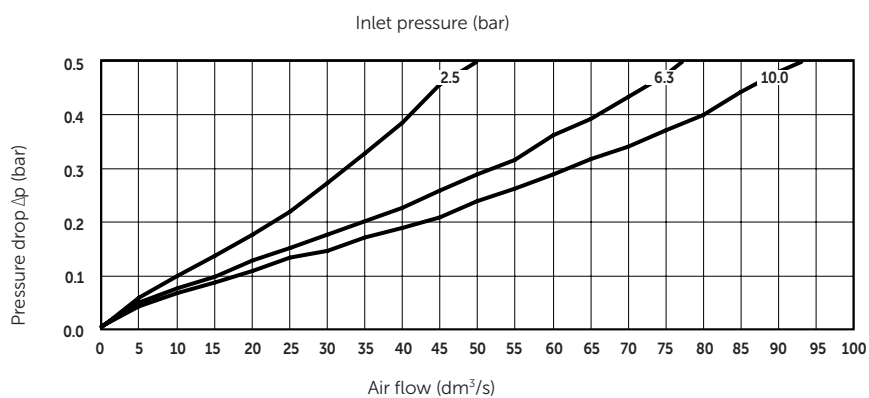
Micro fog

Port size: 3/8"



Oil fog

Port size: 3/8"



Accessories

Wall mounting bracket



Page 6

840024-50KIT

Quikclamp



Page 6

H840014-51KIT

Quikclamp
with bracket assembled



Page 6

H840014-52KIT

Pressure sensing block
1/4 PTF



Page 6

H840016-50KIT

Pressure sensing block
G1/4



Page 6

H840016-51KIT

Full flow porting block
3/4" PTF



Page 6

H840028-50KIT

Full flow porting block
G3/4



Page 6

H840028-53KIT

Full flow porting block
3/4" PTF



Page 6

H840028-68KIT

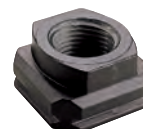
Full flow porting block
G3/4



Page 6

H840028-69KIT

Port Adaptors



Page 7

3/8 PTF	H840015-02KIT
1/2 PTF	H840015-03KIT
3/4 PTF	H840015-04KIT
G3/8	H840015-10KIT
G1/2	H840015-11KIT
G3/4	H840015-12KIT

Pressure switch interface block
(18D pressure switch) G1/4



Page 8

0337717000000000

Pressure switch 18D
(0.5 ... 8bar) *4



Page 8

0881300

Digital pressure switch
51D (-1 ... 10 bar) *2



Page 8

0860810

*2) -20 ... +60°C (-4 ... +140°F)

*4) -10° ... +85°C (-14° ... +185°F)

Quick fill nipple



18-011-024

Lubricator sight dome kit

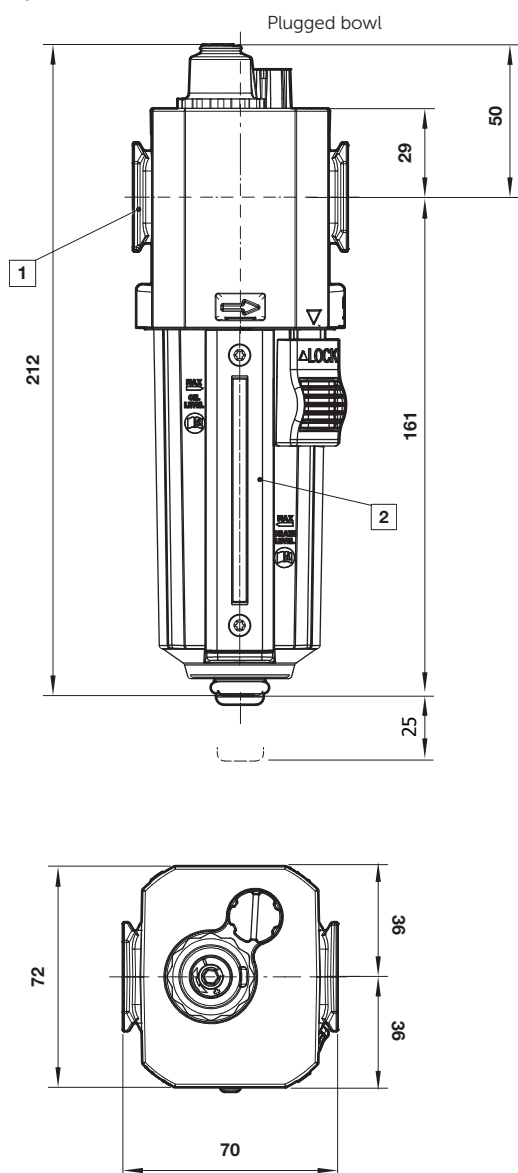


Micro fog (red) 840055-50KIT

Oil fog (green) 840055-51KIT

Dimensions

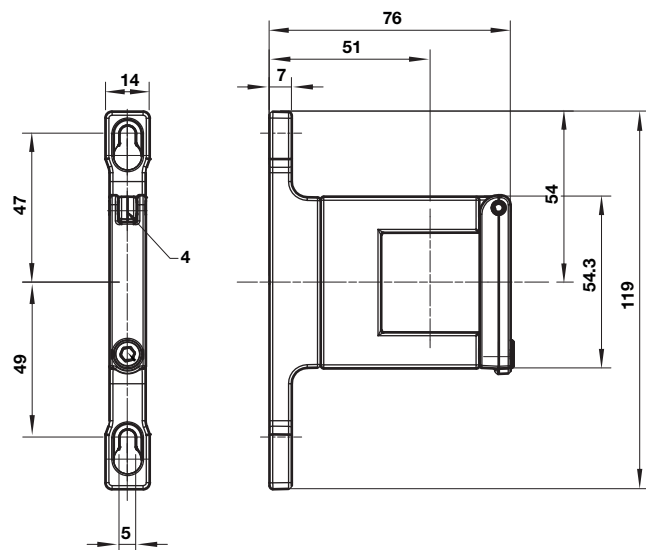
Dimensions in mm
Projection/First angle



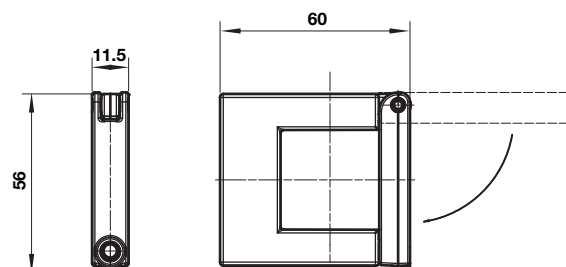
- 1 Main ports 3/8", 1/2" or 3/4" (ISO G/PTF)
- 2 Metal bowl with liquid level indicator lens

Accessories

Quikclamp with wall bracket



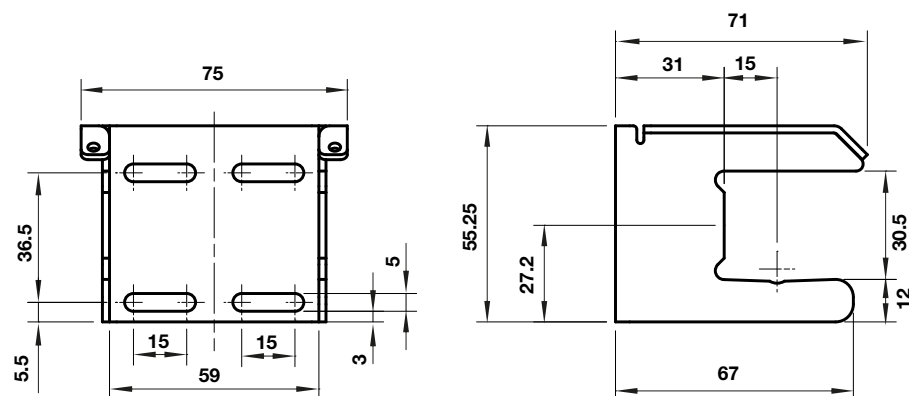
Quikclamp



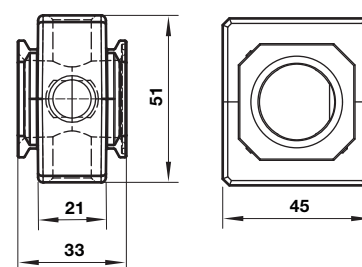
Dimensions in mm
Projection/First angle



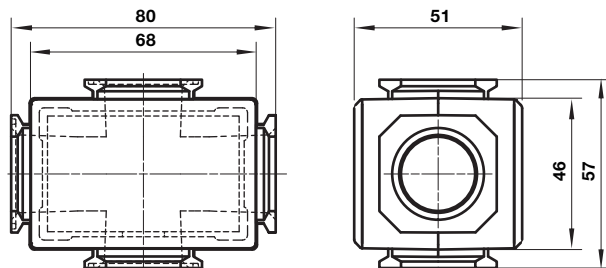
Mounting bracket



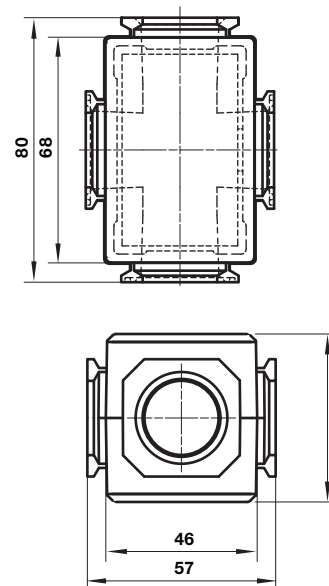
Pressure sensing block



Full flow porting block horizontal



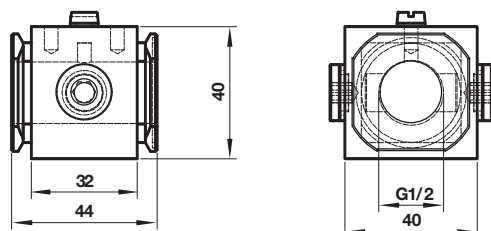
Full flow porting block vertical



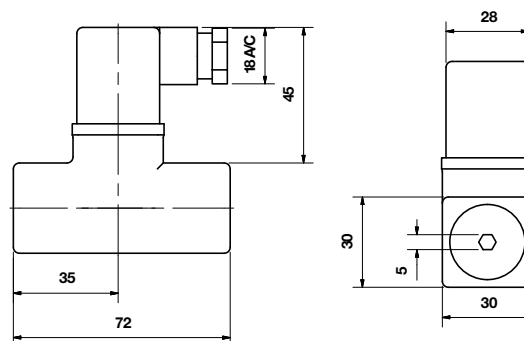
Dimensions in mm
Projection/First angle



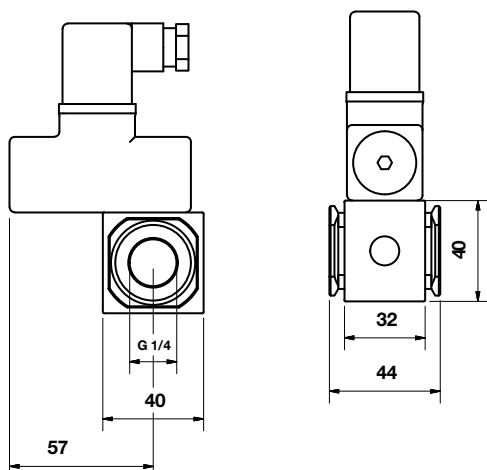
Porting block for 18D pressure switch



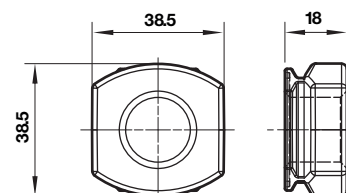
18D Pressure switch



18D Porting block and 18D assembled

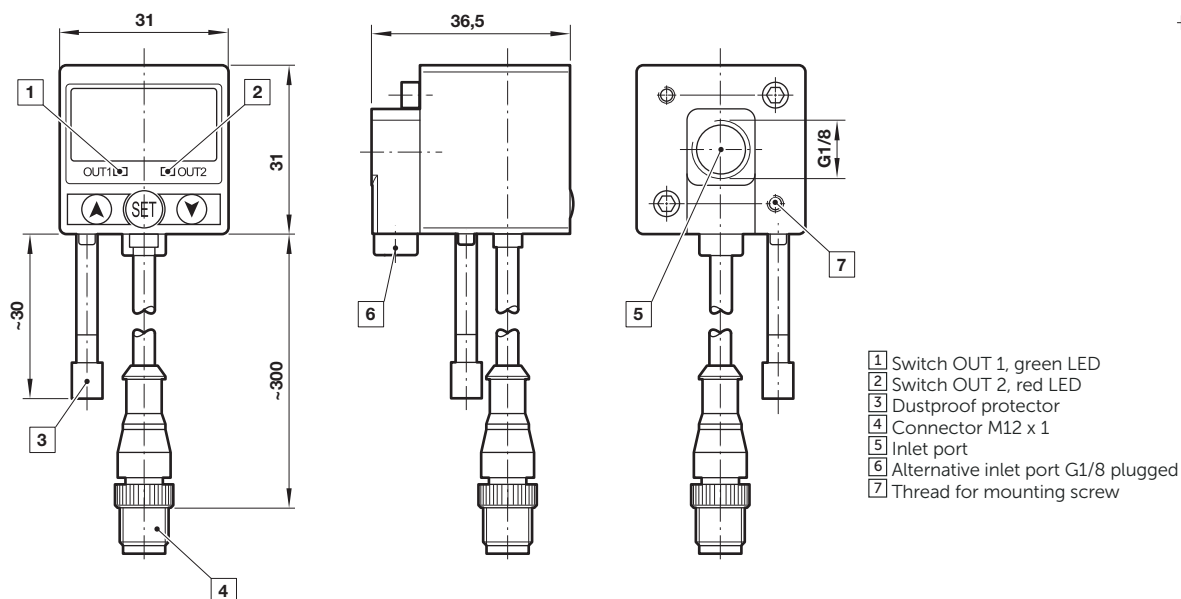


Pipe adaptor



51D Pressure switch - digital

Dimensions in mm
Projection/First angle



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 Norgren Ltd.

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.