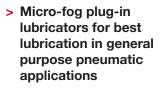


> Port size: 1/4" ... 3/4" (ISO G/ PTF)

# > Oil-fog option available





# **Technical features**

Medium: Compressed air Maximum operating pressure: 17 bar (246 psi)

Start point: 1,5 dm<sup>3</sup>/s Bowl size: 0,2 litre (7 fl oz) standard 1 litre (34 fl oz) optional

# Ambient/Media temperature:

-20° ... +80°C ( -4° ... +176°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

# Materials:

Body & yoke: Zinc alloy Sight dome: Transparent PA Elastomers: NBR

# Technical data L64C - Oil-fog lubricators; standard models

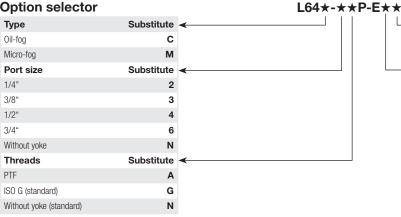
Symbol	Port size	Size	Flow * (dm³/s)	Bowl	Weight (kg)	Model
	G1/4	_	25	Metal	1,42	L64C-2GP-EDN
~~~	G3/8	—	62	Metal	1,4	L64C-3GP-EDN
	G1/2	Basic	72	Metal	1,37	L64C-4GP-EDN
$\sim$	G3/4	—	72	Metal	1,73	L64C-6GP-EDN
	Without yoke	_		Metal	0,94	L64C-NNP-EDN

# Technical data L64M - Micro-fog lubricators; standard models

		•				
Symbol	Port size	Size	Flow * (dm³/s)	Bowl	Weight (kg)	Model
	G1/4	—	25	Metal	1,42	L64M-2GP-EDN
$\rightarrow$	G3/8	_	62	Metal	1,40	L64M-3GP-EDN
	G1/2	Basic	72	Metal	1,37	L64M-4GP-EDN
	G3/4	—	72	Metal	1,73	L64M-6GP-EDN
	Without yoke	—		Metal	0,94	L64M-NNP-EDN

\* Typical flow with 6,3 bar (91 psi) inlet pressure and 0,5 bar (7 psi) pressure drop

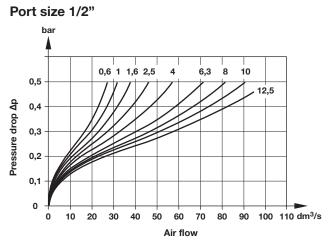
# **Option selector**



Substitute	Options	
Ν	None	
Q	Quick fill device	
Substitute	Bowl	
D	Metal with liquid level indicator; 0,2 litre	
А	Long metal bowl with liquid level indicator; 1 litre	







Accessories



74503-51

18-011-024

74507-50

4346-99

0613633 (brass)

# Service kit

74504-50



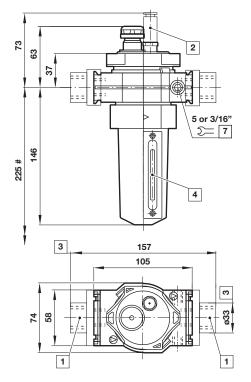
74502-89



# L64M, L64C - Olympian Plus plug-in system Lubricators

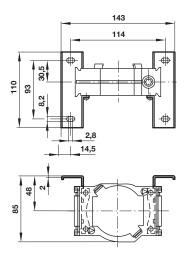
# Dimensions

# 0,2 litre bowl



# Minimum clearance required to remove bowl
I Main ports 1/4", 3/8", 1/2" or 3/4"
Quick fill device
For main ports 3/4" only
Sight glass
Gauge port 1/8"

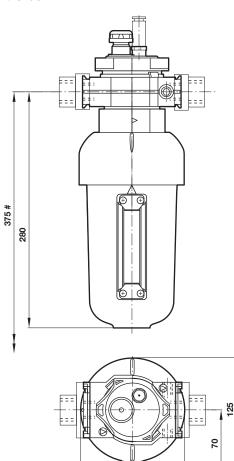
# Single yoke with bracket mounting





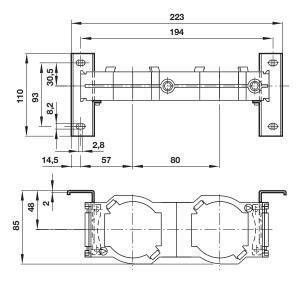
Dimensions in mm Projection/First angle





# Double yoke with bracket mounting

110



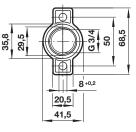


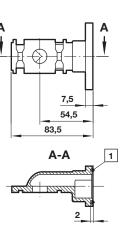
Dimensions in mm

 $\ominus \oplus$ 

Projection/First angle

# **Rear entry bracket** 18-026-981





1 'O'-ring (included in scope of supply of bracket)

# Adjustable pressure switch 4346-99

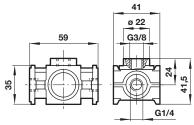
Voltage	24 V d.c./240 V a.c.
Current	0,5 A (d.c.); 5 A (a.c.)
Pressure range	2 10 bar
Repeatabillity	2% of full set point range at 20°C
Average deadband	0,8 1,7 bar
Electrical connection (corresponding to choosen coil)	EN 175301-803 - Form C, 15 mm
Degee of protection:	IP65
Adjustable	Standard
Material	Body: Aluminium, Elastomers: NBR

# 3/2 Shut-off valve

Symbol	Α	В	øC	Model
	G1/4	48	27	T64T-2G*-P1N
	G3/8	48	27	T64T-3G*-P1N
EITIYE	G1/2	48	27	T64T-4G*-P1N
1.5	G3/4	51	33	T64T-6G*-P1N

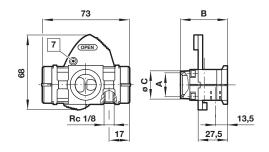
\* B = Threaded inlet only, C = Threaded outlet only

# **Porting block** 74507-50



Pg 7 6 4 59 ø 22 41

6 Adjusting screw



7 Padlock hole ø7.5 mm

# 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, IMI International s.r.o. Through misuse, age, or malfunction, components used in fluid

power systems can fail in various modes.

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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.



- > Port size: 3/4" ... 1 1/2" (ISO G/PTF)
  - 2" > Oil-fog option available
- Micro-fog plug-in lubricators for best lubrication in general purpose pneumatic applications

# **Technical features**

Medium: Compressed air only Maximum operating pressure: 17 bar (246 psi) 10 bar (145 psi) for 5 litre bowl only Start point: Minimum flow required for lubricator operation at 6,3 bar (91 psi) inlet pressure Micro or Oil-fog: 6 dm³/s (13 scfm) High flow lubricator: 52 dm³/s (110 scfm) Flow:Micro & Oil-fog:175 dm³/s (371 scfm)High flow: 400 dm³/s (848 scfm)Port size 1",Operating pressure: 6,3 bar (91 psi)Δp: 0,5 bar (7 psi)Bowl size:0,5, 1 or 5 litre (17, 34 or 169 fluid oz)Drain:Without standardManual optional

## Ambient/Media temperature:

-20° ... +80°C (-4° ... +176°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

# Materials:

Body and yoke: Aluminium Bowl: Aluminium (0,5 and 1 l); Steel (5 l) Sight dome: Pyrex (0,5 and 1 l); PA (5 l) Elastomers: NBR

# Technical data L68C - Oil-fog lubricators; standard models

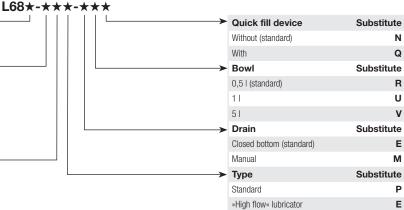
Symbol	Port size	Size	Weight (kg)	Model
	G3/4	_	2,10	L68C-6GP-ERN
•	G1	Basic	2,04	L68C-8GP-ERN
$\langle \rangle$	G1 1/4	—	2,08	L68C-AGP-ERN
$\checkmark$	G1 1/2	—	2,12	L68C-BGP-ERN
	Without yoke	—	0,94	L68C-NNP-ERN

# Technical data L68M - Micro-fog lubricators; standard models

Symbol	Port size	Size	Weight (kg)	Model
	G3/4	_	2,10	L68M-6GP-ERN
•	G1	Basic	2,04	L68M-8GP-ERN
$\prec \succ$	G1 1/4	—	2,08	L68M-AGP-ERN
$\sim$	G1 1/2	—	2,12	L68M-BGP-ERN
	Without yoke	_	0,94	L68M-NNP-ERN

# **Option selector**

•			
Туре	Substitute	<	
Oil-fog	С		
Micro-fog	м		
Port size	Substitute	<	
3/4"	6		
1"	8		
1 1/4"	A		
1 1/2"	В		
Without yoke	N		
Threads	Substitute	<	
PTF	A		
ISO G parallel	G		
Without	N		

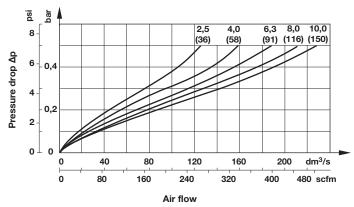




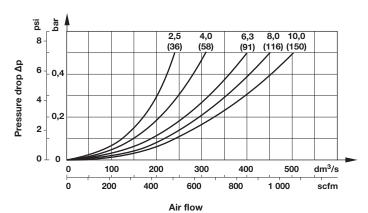


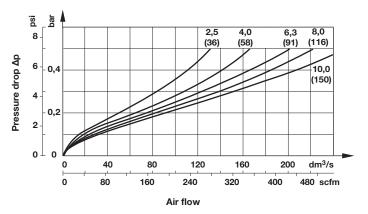
# Flow characteristics Oil-fog, Port size 1"

Micro-fog, Port size 1"



"High flow", Port size 1"





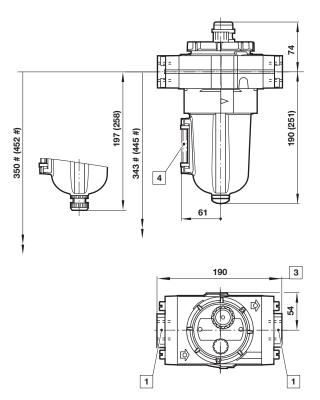
Accessories





# L68M, L68C - Olympian Plus plug-in system Lubricators

# Dimensions



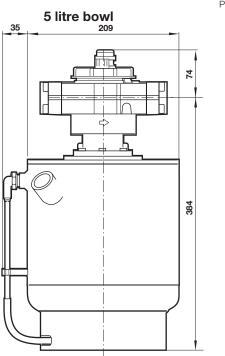
# Minimum clearance required to remove bowl

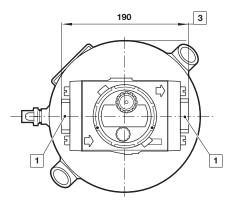
() values for 1 litre bowl

1 Main ports 3/4", 1", 1 1/4" or 1 1/2"

<sup>.</sup> 3 Plus 10 mm for ports 1 1/4" or 1 1/2"

4 Sight glass



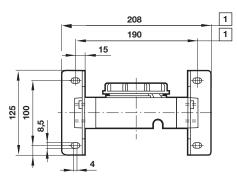


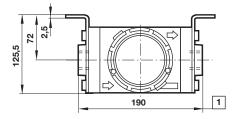






# Single yoke with bracket

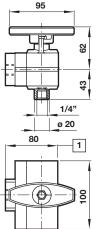




1 For 1 1/4" and 1 1/2" ported yokes add 10 mm

# 3/2 Shut-off valve

**Porting block** 



1 For 1 1/2" ported yokes add 5 mm

1 Two additional plugged G1/4 ports

1

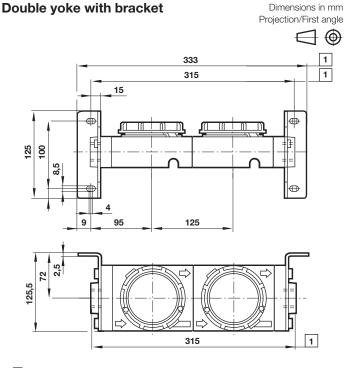
80

# Warning

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# »Technical features/data«.

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1 For 1 1/4" and 1 1/2" ported yokes add 10 mm

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.



- > Port size: 1/4" ... 1/2" (ISO G/PTF)
- Excelon design allows in-line or modular installation
- Flow sensor provides a nearly constant oil/air ratio over a wide range of flows
- All round (360°)
   visibility of sightfeed dome for ease of drip rate setting



# **Technical features**

Medium: Compressed air only Maximum operating pressure: Transparent bowls: 10 bar (145 psi) Metal bowls: 17 bar (250 psi) Bowl: 0,1 litre Drain: Without standard Manual optional **Port size:** G1/4, G3/8, G1/2, 1/4 PTF, 3/8 PTF 1/2 PTF **Flow:** Micro-fog : Start point 0,71 dm<sup>3</sup>/s, max. 38 dm<sup>3</sup>/s at port size 3/8", Operating pressure: 6,3 bar (91 psi) Δp: 0,5 bar (7 psi)

# Ambient/Media temperature:

Transparent bowl: -34° ... +50°C (-30° ... +122°F) Metal bowl: -34° ... +80°C (-30° ... +176°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

## Materials:

Bowl: Transparent PC alternative transparent PC with steel guard alternative aluminium Body: Die cast aluminium Sight-feed dome: Transparent PA Elastomers: CR & NBR

# Technical data L73C - Oil-fog lubricators; standard models

Symbol	Port size	Size	Pressure maximum (bar)	Drain	Bowl	Weight (kg)	Model
•	G1/4		10	Without	PC (transparent)	0,50	L73C-2GP-ETN
$\langle \rangle$	G3/8	Basic	10	Without	PC (transparent)	0,50	L73C-3GP-ETN
$\sim$	G1/2		10	Without	PC (transparent)	0,50	L73C-4GP-ETN

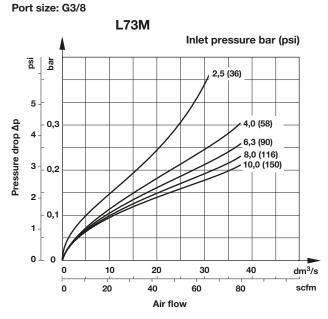
# Technical data L73M - Micro-fog lubricators; standard models

			•				
Symbol	Port size	Size	Pressure maximum (bar)	Drain	Bowl	Weight (kg)	Model
•	G1/4		10	Without	PC (transparent)	0,50	L73M-3GP-ETN
$\langle \rangle$	G3/8	Basic	10	Without	PC (transparent)	0,50	L73M-3GP-ETN
$\sim$	G1/2		10	Without	PC (transparent)	0,50	L73M-4GP-ETN

### **Option selector** $L73 \star - \star \star P - \star \star \star$ Substitute Substitute Option Oil fog lubricator С None (standard) Ν Q Micro fog lubricator М Quick fill nipple Port size Substitute Substitute Bowl 1/4" 2 Transparent (standard) т 3/8' 3 Metal D 1/2" Ρ 4 Transparent with guard Thread form Substitute Drain Substitute PTF Α None Е ISO G parallel (standard) G Manual (standard) Q

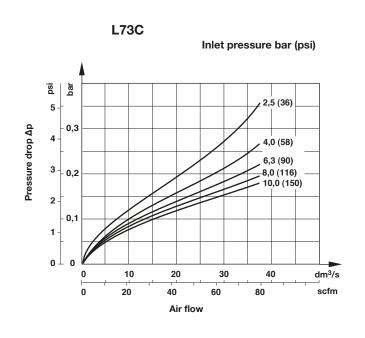












Porting block with three alternative 1/4" ports



Page 3 G1/4: 4316-52 1/4 PTF: 4316-50 2/2 Shut-off valves (for full technical specification see datasheet 8.180.600)



G1/4: T73B-2GA-P1N G3/8: T73B-3GA-P1N G1/2: T73B-4GA-P1N 1/4 PTF: T73B-3AA-P1N 3/8 PTF: T73B-2AA-P1N 1/2 PTF: T73B-2AA-P1N 3/2 Shut-off valves (for full technical specification see datasheet 8.180.600)



G1/4: T73T-2GA-P1N G3/8: T73T-3GA-P1N G1/2: T73T-4GA-P1N 1/4 PTF: T73T-3AA-P1N 3/8 PTF: T73T-2AA-P1N 1/2 PTF: T73T-4AA-P1N

 Pressure switch
 Padlock

 Porting block for pressure switch
 Pressure switch

 (0,5 ... 8 bar)
 with two keys \*1)





Page 3

088130000000000



0613633000000000 \*1) for shut-off valves

# Service kits Service kit

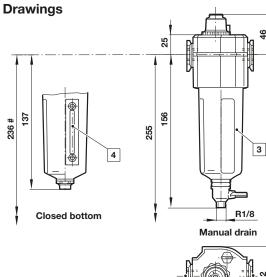


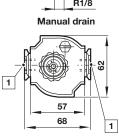


# L73M, L73C - EXCELON<sup>®</sup> Modular System Lubricators

Dimensions in mm Projection/First angle

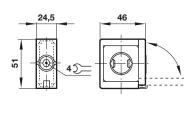


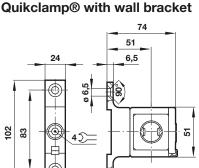




- # Minimum clearance required to remove bowl
- 1 Main ports 1/4", 3/8" or 1/2"
- Transparent bowl with or without guard
- 4 Metal bowl with liquid level indicator lens

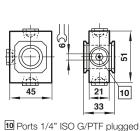
# Accessories Quikclamp®

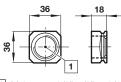




# Porting block

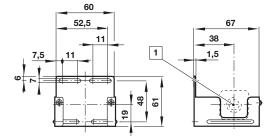
# **Pipe adapter**





 Main ports 3/8", 1/2" or 3/4" ISO G/PTF

# Wall mounting bracket



1 Main ports

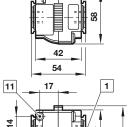
# Warning

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# »Technical features/data«.

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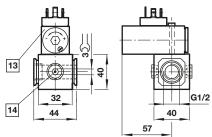
Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.



# Shut-off valves

# 

# Porting block for pressure switch



Pressure switch is not in scope of deliveryAlternative G1/4 ports plugged

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

3

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.

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System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.

1



# L84M, L84C - Micro- and Oil-fog lubricator Excelon® Plus Modular System

- > Port size: 3/8" ... 3/4" (ISO G/PTF)
- > Excelon<sup>®</sup> Plus design allows in-line installation or modular installation with other Excelon<sup>®</sup> 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
- > Light weight Polycarbonate bowl
- > All round (360°) visibility of sightdome for ease of drip rate setting
- > Choice of two oil delivery systems



# Technical features Medium:

Compressed air only Maximum supply pressure: Polycarbonate bowl: 10 bar (145 psi) 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: Oil-fog: 73 dm<sup>3</sup>/s Oil-fog: 91 dm<sup>3</sup>/s at port size: 1/2", operating pressure: 6,3 bar (91 psi) and  $\Delta$ p: 0,5 bar (7.25 psi) Start point: 0,94 dm<sup>3</sup>/s

# Ambient/Media temperature:

Polycarbonate bowl: -10 ... +60°C (14 ... +140°F) Metal bowl: -20 ... +65°C (-4 ... +149°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

## Materials:

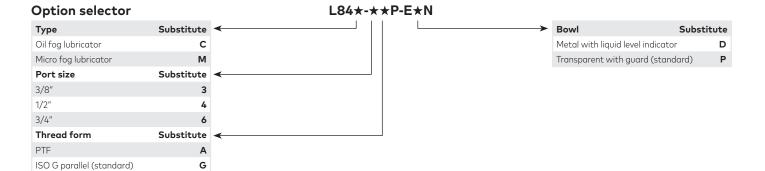
Transparent Bowl : Polycarbonate with Polyproplyene Guard. Metal Bowl: Die cast Aluminium with PA liquid level indicator lens Body: Die cast aluminium Body cover: ABS Sightdome: Transparent PA Bowl 'o'- ring: Chloroprene Elastomers: NBR

# Technical data L84 - standard models

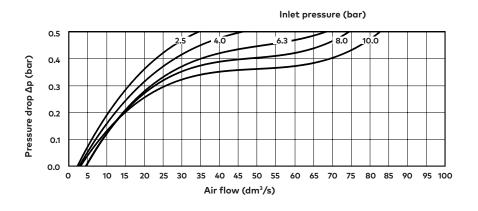
Symbol	Port size	Lubricator type	Bowl	Weight (kg)	Model
	G3/8	Micro fog	Guarded polycarbonate	0,40	L84M-3GP-EPN
	G1/2	Micro fog	Guarded polycarbonate	0,40	L84M-4GP-EPN
	G3/4	Micro fog	Guarded polycarbonate	0,40	L84M-6GP-EPN
	G3/8	Micro fog	Metal with level indicator	0,53	L84M-3GP-EDN
	G1/2	Micro fog	Metal with level indicator	0,53	L84M-4GP-EDN
$\wedge$	G3/4	Micro fog	Metal with level indicator	0,53	L84M-6GP-EDN
	G3/8	Oil fog	Guarded polycarbonate	0,40	L84C-3GP-EPN
	G1/2	Oil fog	Guarded polycarbonate	0,40	L84C-4GP-EPN
	G3/4	Oil fog	Guarded polycarbonate	0,40	L84C-6GP-EPN
	G3/8	Oil fog	Metal with level indicator	0,53	L84C-3GP-EDN
	G1/2	Oil fog	Metal with level indicator	0,53	L84C-4GP-EDN
	G3/4	Oil fog	Metal with level indicator	0,53	L84C-6GP-EDN



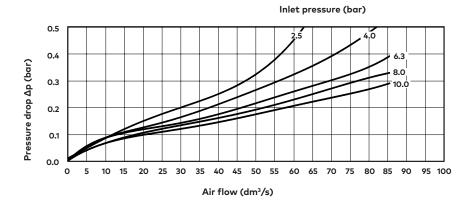






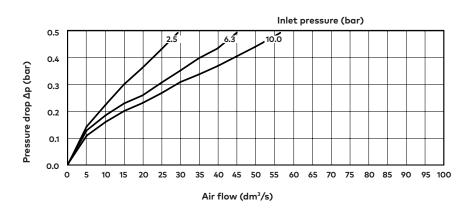


Oil fog Port size: 1/2"

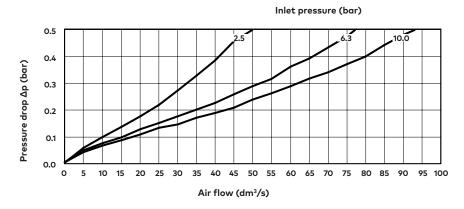




Micro fog Port size: 3/8"



Oil fog Port size: 3/8"





# Accessories

Wall mounting bracket



840024-50KIT

Page 6

3/4" PTF

Page 6

840028-50KIT

840016-50KIT

Full flow porting block







840014-51KIT



Page 6 840016-51KIT



840028-53KIT



840014-52KIT

Full flow porting block

3/4" PTF

Page 6

Q84G

840028-68KIT



Page 6 840014-61



\*1) To connect new Excelon Plus to old Excelon 74/73 units. Having the same hole centres as 74 series mounting bracket. A Quikclamp adds 13.6 mm to the overall width of a combination unit



Page 6 840028-69KIT





Pressure switch interface block (18D pressure switch)

033771700000000



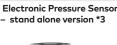


\*1) Flanged version. For other pressure ranges, please see data sheet 5.11.001

see http://s.norgren.com/digital-gauge-iodd for data-sheet 8.900.905.

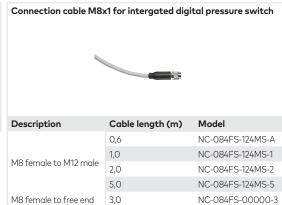
\*2) For other pressure ranges, please see data sheet 5.11.385

\*3) Q84G standalone electronic pressure sensor module













840025-52KIT



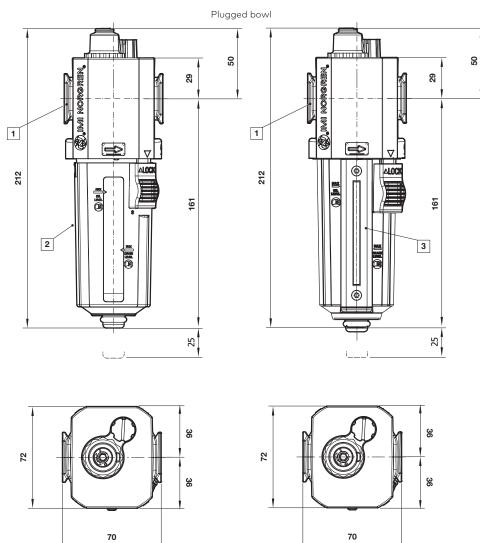


Our policy is one of continued research and development. We therefore reserve the right to amend. without notice, the specifications given in this document. (2017 - 9218d) © 2020 Norgren Ltd



# Dimensions



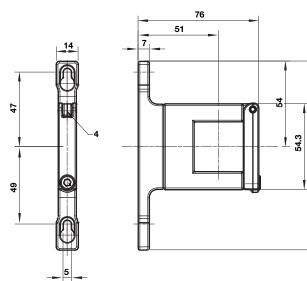


 Main ports 3/8", 1/2" or 3/4" (ISO G/PTF)
 Transparent bowl with guard
 Metal bowl with liquid level indicator lens



# Accessories

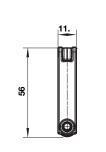
Quikclamp° with wall bracket

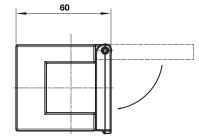


Quikclamp®

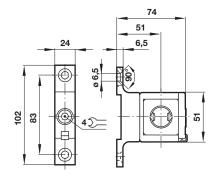
119

Dimensions in mm Projection/First angle

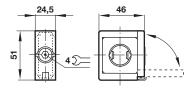




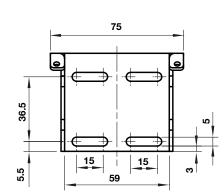
Hybrid-Quikclamp<sup>®</sup> with wall bracket

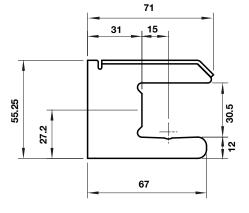


# Hybrid-Quikclamp<sup>®</sup>

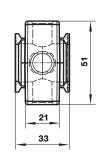


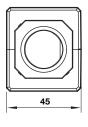
# Mounting bracket





# Pressure sensing block





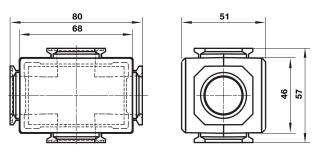


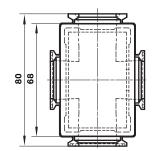
# Full flow porting block horizontal

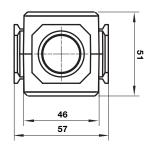
# Full flow porting block vertical

Dimensions in mm Projection/First angle





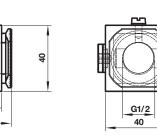




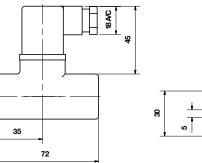
# Porting block for 18D pressure switch

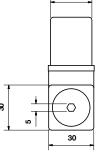
32

44



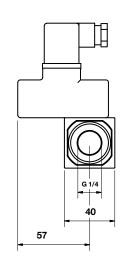
# 18D Pressure switch

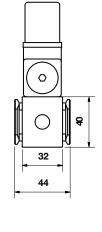




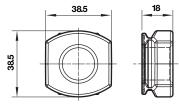
28

# 18D Porting block and 18D assembled





Pipe adaptor

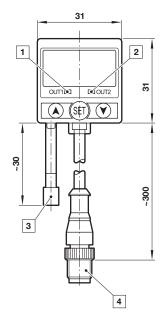


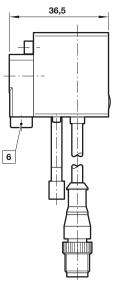


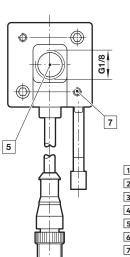
# 51D Pressure switch - digital

Dimensions in mm Projection/First angle









Switch OUT 1, green LED
 Switch OUT 2, red LED
 Dustproof protector
 Connector M12 x 1
 Inlet port

# 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.

Alternative inlet port G1/8 plugged

Thread for mounting screw