

FR/L12MD – FR/L38MD

Groups filter-regulator + lubricator
in aluminium, suitable for compressed air



FEATURES

Group filter-regulator + oil fog lubricator, for inlet pressure up to 16 bar (232 psi). Inlet and outlet connections 1/2" F or 3/8" F in the body.

ID Insert Deal modular line with holes for wall mounting. Aluminium cast body and bowl, plastic bonnet.

Diaphragm operation filter-regulator with balanced valve and relieving overpressure function.

50 µm bronze cartridge with filtration grade, semi-automatic condensate drain. Available on request different filtration rate and manual or automatic drain. Lubricator has drip rate adjustment and transparent dome to show oil supply.

The product complies with the directive 2014/68/EU (PED).

SPECIFICATIONS

Weight: ~1,6 kg / ~3,5 lb

Operating temperature: -10 °C ÷ +50 °C (+14° F ÷ +122° F)

Main valve leakage classification: VI

Flow coefficient: Kv= 2.99

Bowl with condensation/oil level display

Bowl capacity: 180 cc (6 US fl oz)

Semi-automatic drain SS: drain the condensate every time the pressure is dumped

Connections G 1/4 – F for outlet pressure gauge on both sides

For more information see catalogues: FR12 MD – FR38 MD e L12 MD – L38 MD

ACCESSORIES

Condensate manual drain SM and automatic drain SAI

5 µm cartridge

Operating pressure greater than standard

Wall mounting bracket + ring-nut: M11201 (10 pieces)

SPARE PARTS

Lubricator complete sight-feed dome: M51201

Condensate semi-automatic drain: C55003110304

Condensate automatic drain SAI: C55004870311

Condensate manual drain: M42210

Condensate oil level display: C6001950311(single element)

Filter cartridges

Filter-regulator complete kit

Lubricator complete lubricator kit

generating the product code

GRUPPO FR+L 12-38			
AA BB CC D E FF			
AA	Attacchi / Connections	L0	38MD 3/8" MD
		P0	12MD 1/2"
BB	Tazza / Bowl	01	Tazza LL SS - 16 bar
		03	Tazza LL SAI - 16 bar
CC	Intervallo uscita / Outlet range	A0	0,2 - 1,5 bar
		B0	0,3 - 3 bar
		D0	0,8 - 8 bar
		E0	1,5-15 bar
D	Filtrante / Filter	D	5µm Bronzo sinterizzato
		G	50µm Bronzo sinterizzato
E	Marchiato / Marked	I	ID
FF	Accessori / Accessories	00	Nessun accessorio

CODE COMPOSITION EXAMPLE

612# P0 01 D0 G I 00

612#: Group filter-regulator + lubricator MD

P0: Connections G 1/2 – F

01: Semi-automatic drain, PS=16 bar

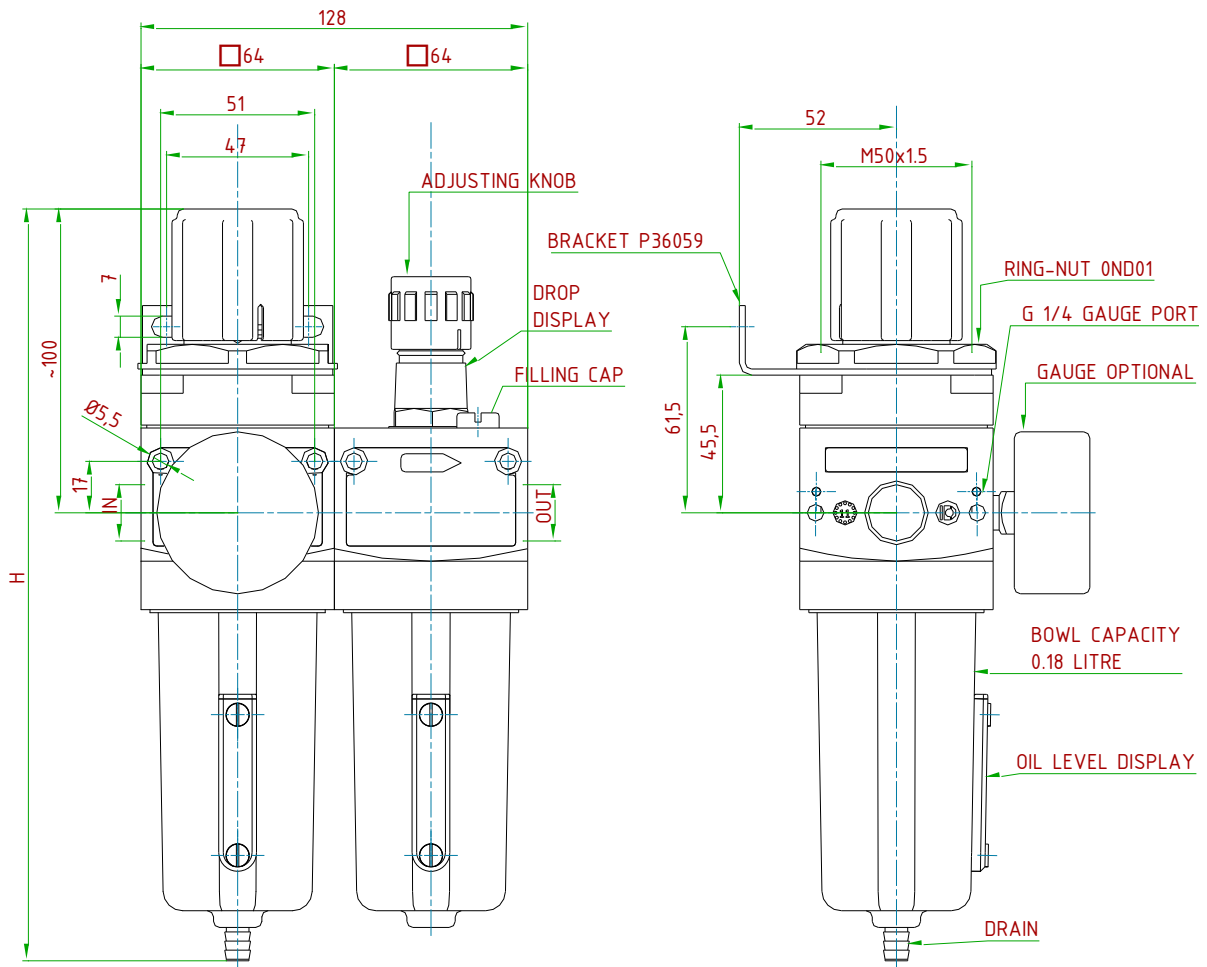
D0: Outlet pressure range 0,8 - 8 bar

G: 50 µm cartridge

I: Insert Deal

00: No accessories

technical drawings (all dimensions in [mm])



TYPE	IN/OUT
GRUPPO FR/L MD 1/2"G	G1/2-F
GRUPPO FR/L MD 3/8"G	G3/8-F
GRUPPO FR/L MD 1/2"NPT	1/2"NPT-F
GRUPPO FR/L MD 3/8"NPT	3/8"NPT-F

PS [bar]	DRAIN	NOTE	H
16	SEMI-AUTOMATIC	-	~248
16	AUTOMATIC	-	~250
20	MANUAL	-	~243
30	MANUAL	NO DISPLAY	~243

GAS FILTRATION	
CARTRIDGE	MATERIAL
5 µm	BRONZE
50 µm	BRONZE

Pout [bar]	GAUGE-ORDER NUMBER	GAUGE RANGE [bar]
0.2÷1.5	0ABMAA19	0÷2.5
0.3÷3	0ABMAA20	0÷6
0.5÷5	0ABMAA21	0÷12
0.8÷8	0ABMAA22	0÷16
1.5÷15	0ABMAA23	0÷25

Bracket and Ring-nut to be ordered separately
 Kit order number: M11201

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GROUP FR+L_612(FR.L12MD-FR.L38MD)_EN_02



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Company with certificated quality management system.
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