

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= 1,5 Nm³/h Cv = 1,7 US gal/min

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

available model types

Gruppi FR/L 2 pezzi 2 pieces FR/L groups

Gruppi FR/L a 2 pezzi, in lega d'alluminio, a struttura modulare idonei per aria compressa
2 pieces FR/L groups, of aluminium, modular structure, suitable for compressed air

Corpo e tazza da fusione in lega d'alluminio. Struttura modulare
Cast body and bowl of aluminium. Modular execution

TYPE	PS bar	P.Out bar	CONNECTION IN/OUT	FILTRATION RATE	BOWL 180 cc	DRAIN	CODE	MEDIUM
								FR/L 12 MD
FR/L 12 MD	16	0,8-8	G 1/2-F	50 µm	Metal	SS	612#P	Air
								FR/L 38 MD
FR/L 38 MD	16	0,8-8	G 3/8-F	50 µm	Metal	SS	612#L	Air

Metal = Tazza metallica / Metal bowl

SS = Scarico semiautomatico / Semiautomatic drain

ATTACCHI DIVERSI DA STANDARD / CONNECTION DIFFERENT FROM STANDARD

Attacchi entrata/uscita NPT / Inlet/outlet connections NPT

ESECUZIONI DIVERSE DA STANDARD / EXECUTIONS DIFFERENT FROM STANDARD

Pressioni uscita diverse. P.out 0,2-1,5 / 0,3-3 / 1,5-15 bar / Outlet pressure different. P.out 0,2-1,5 / 0,3-3 / 1,5-15 bar

Esecuzione con scarico manuale / Manual drain

Esecuzione con Scarico Automatico interno (PS max 16 bar) solo per Aria / Automatic drain (PS max 16 bar) only for Air

Esecuzione con filtrazione 5 micron / Filtration rate 5 micron

PS max 30 bar con cupolino in ottone e tazza senza visualizzatore / PS max 30 bar with drop controller of brass and bowl without level gauge

O-ring diversi da standard - FPM / O-ring different from standard - FPM

O-ring diversi da standard - EPDM / O-ring different from standard - EPDM

Versione non Relieving / Non Relieving execution

Stampigliatura su specifica del cliente / Not standard branding

ACCESSORI / ACCESSORIES

Ricambio per scarico semiautomatico in nylon C55003110304 / Spare semiautomatic drain of nylon C55003110304

Ricambio per scarico manuale M42210 / Spare for manual drain M42210

Ricambio per Scarico Automatico Interno C55004870311 / Spare for automatic drain C55004870311

Elemento filtrante 5 micron di ricambio P25030060320 / Spare filter element 5 micron P25030060320

Visualizzatore tazza C6001950311 / Level visual sight for bowl C6001950311

Cupolino per lubrificatore in plastica trasparente M51201 / Drop-controller in transparent plastic for lubricators M51201

Kit staffa metallica+ghiera plastica M11201 - Confezione 10 pezz / Kit bracket +Ring nut of plastic M11201 - 10 pieces per box

I singoli componenti possono essere montati a cura del cliente, scelti tra quelli proposti nel presente listino p
Per l'assemblaggio dei 2 singoli componenti è necessario 1 KIT assemblaggio

The single components can be assembled by the customer, chosen in this price list; for assembling 1 kit is req

DESCRIPTION	CODE
Kit assemblaggio per componenti 38/12 MD Set for assembling components type 38/12 MD	M01201
Kit assemblaggio per componenti 38/12 MD con presa pressione intermedia Set for assembling components type 38/12 MD with intermediate modular connector	M31201

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

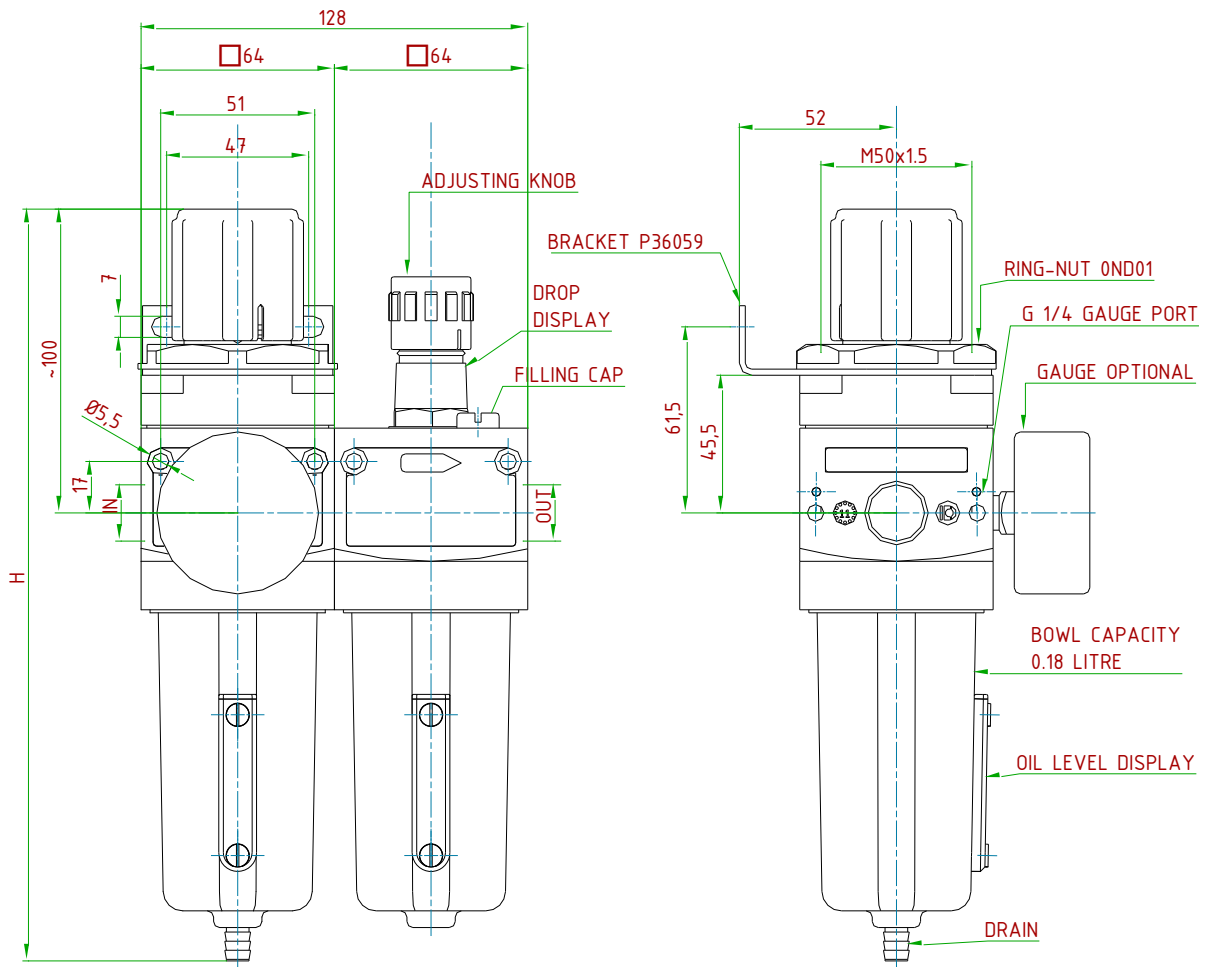
D0: Outlet pressure range 0,8 - 8 bar

G: 50 µm cartridge

I: Insert Deal

00: No accessories

technical drawings (all dimensions in [mm])



TYPE	IN/OUT	PS [bar]	DRAIN	NOTE	H
GRUPPO FR/L MD 1/2"G	G1/2-F	16	SEMI-AUTOMATIC	-	~248
GRUPPO FR/L MD 3/8"G	G3/8-F	16	AUTOMATIC	-	~250
GRUPPO FR/L MD 1/2"NPT	1/2"NPT-F	20	MANUAL	-	~243
GRUPPO FR/L MD 3/8"NPT	3/8"NPT-F	30	MANUAL	NO DISPLAY	~243

GAS FILTRATION		Pout [bar]	GAUGE-ORDER NUMBER	GAUGE RANGE [bar]
CARTRIDGE	MATERIAL	0.2÷1.5	0ABMAA19	0÷2.5
5 µm	BRONZE	0.3÷3	0ABMAA20	0÷6
50 µm	BRONZE	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_00



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Company with certificated quality management system.
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