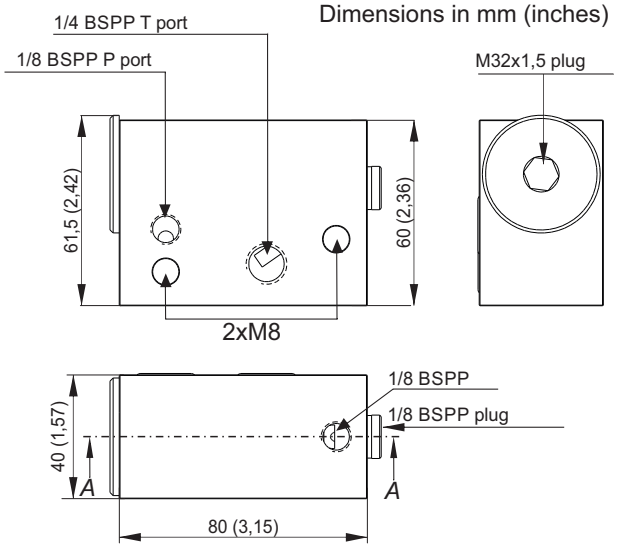
COMPACT RETURN LINE MODULAR MANIFOLD FILTER

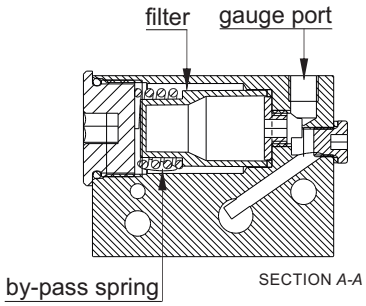


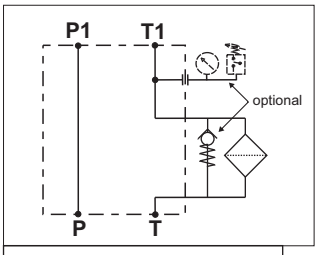
Main features

Max pressure	350 bar
Weight	0,55 kg (1,21 lb)
Fixing bolts	2xM8 tie-rods steel class 8.8 or above
Filtration degree	10 micron 25 micron
By-pass option	Opening: ≃10 bar max flow: 6 l/min
Pressure gauge option	full-scale: 25 bar

Dimensions in mm (inches)





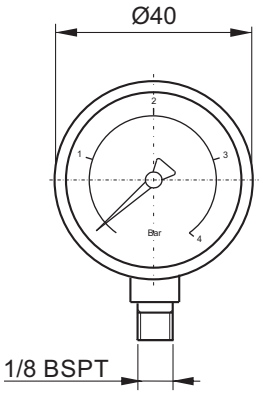


Spare part code
EMASH000**

**	Type:
	13: 10 micron + bypass
	14: 25 micron + bypass
	18: 10 micron
	19: 25 micron

OPTIONS

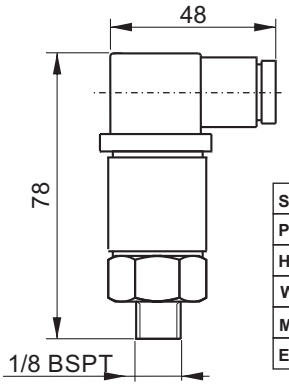
Pressure gauge for return filter manifold



Weight: 0,1 Kg

Spare part code
MIR40025

Pressure switch for return filter manifold



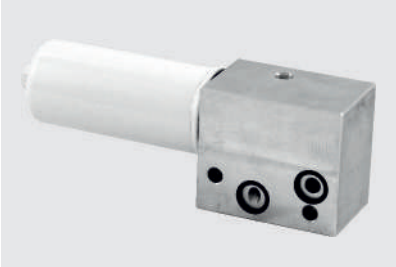
Setting range	0,2 ÷ 2,5 bar
Protection degree	IP 65
Hysteresis	10 ÷ 15 %
Weight	0,05 Kg
Max load	0,5 A a 250 VAC
Electric switch	NO/NC

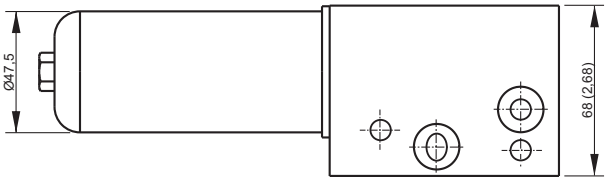
Spare part code
F4R0M3

Spare	Cartridge code
10 micron	EAFTH00001
25 micron	EAFTH00002

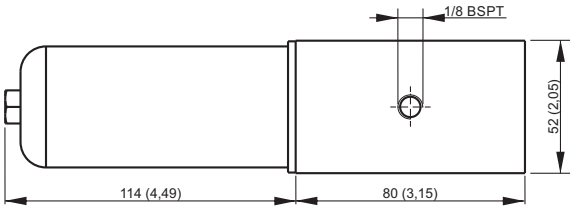
Note: to add external manifolds to PPC assembly code, just add their spare part codes at the end of the PPC code.
Example: PPC-0,8 12DC-UA-G1,1-J-V200-G-RETURN KIT-1,5L+**EMASH000****+E60433000+...**
This block must be mounted as first among the external ones.
For more info and for a mounting example, please see E60433001 code (NG6 CETOP 3 flow control sandwich valve) in G section.
The Cetop valve attachment is on the motor side. With AC motor frames bigger than 71 and DC motors bigger than dia. 125, always add a spacer manifold (see E60403004 code in F section) below the modular block to avoid interference between the valve and the motor.

RETURN LINE FILTER MODULAR MANIFOLD





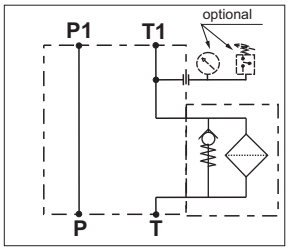
Dimensions in mm (inches)



Main features

Open by-pass valve press.	2 bar
Max flow	15 l/min
Filtration grade	15 µ
Fluid temperature	-30 ÷ + 80 °C
Weight	0,87 kg
Fixing bolts	2 M8 bolts steel class 8.8 or above

Hydraulic scheme



Note: standard code does not include the MIR40 pressure gauge or F4 pressure switch

Spare part code

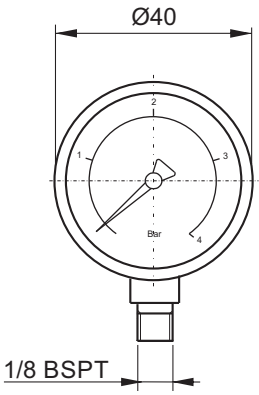
E60403020 — **Modular manifold with return filter on T**

FO201385 — **15 micron replacement cartridge part number**

Note: Recommended tightening torque for M8 bolts: 16 Nm.
Attention! Do not use tie-rods less than 8.8.
Recommended tightening torque for spin on cartridge: 10Nm
This filter cannot be used on U4 and UR manifolds, since both these central manifolds outlet ports are pressurized. You may choose C34200001 in-tank return filter.

OPTIONS

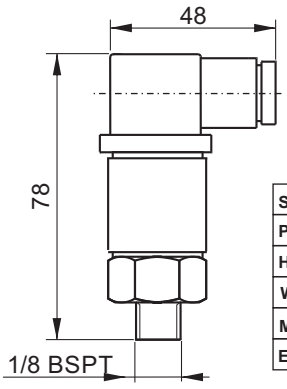
Pressure gauge for return filter manifold



Weight: 0,1 Kg

Spare part code
MIR4004

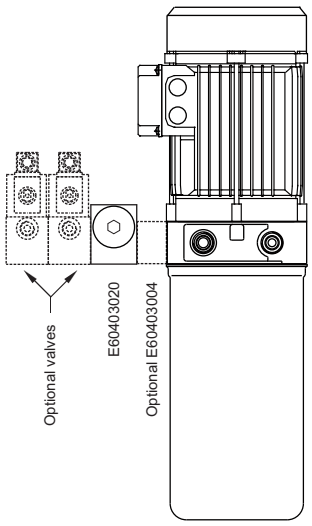
Pressure switch for return filter manifold



Setting range	0,2 ÷ 2,5 bar
Protection degree	IP 65
Hysteresis	10 ÷ 15 %
Weight	0,05 Kg
Max load	0,5 A a 250 VAC
Electric switch	NO/NC

Spare part code
F4R0M3

Mounting example



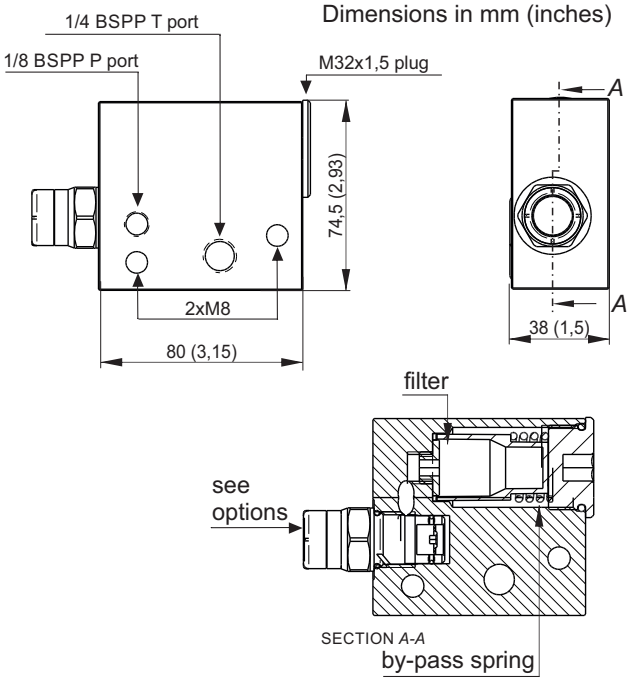
COMPACT PRESSURE LINE MODULAR MANIFOLD FILTER

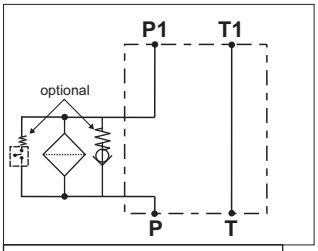


Main features

Max pressure	350 bar
Weight	0,65 kg (1,42 lb)
Fixing bolts	2xM8 tie-rods steel class 8.8 or above
Filtration degree	10 micron 25 micron
By-pass option	Opening: ≃10 bar max flow: 6 l/min

Dimensions in mm (inches)



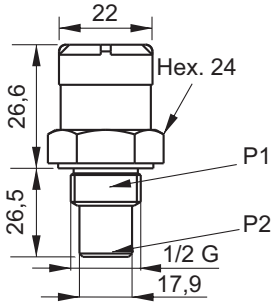


Spare part code
EMASH000**

**

Type:
15: 10 micron + bypass
16: 25 micron + bypass
20: 10 micron
21: 25 micron

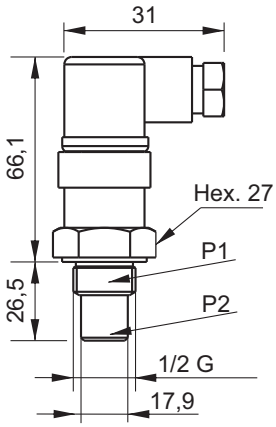
Differential pressure visual indicator



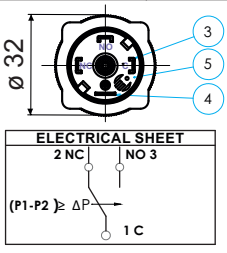
Switching contacts	Red/Green
Ambient temperature	-25 ÷ +80°C
Torque	50 Nm
Proof pressure	675 bar
Max pressure (P1=P2)	400 bar
Pressure rate for set.	10 bar/15 sec
Max different pressure (P1-P2)	200 bar
Diff. pressure setting (horizontal position)	5 bar ± 15%

Spare part code
DPV03400

Differential pressure switch



Diff. pressure setting	8 bar ±15%
Protection degree	IP 65
Switching contacts	SPDT
Weight	0,16 Kg
Max different pressure (P1-P2)	200 bar
Proof pressure	675 bar
Max pressure (P1=P2)	450 bar
Torque	50 Nm
Pressure rate for set.	10 bar/15 sec
Ambient temperature	-25 ÷ +85°C
Voltage 14 Vdc	5 (4) A
Voltage 30 Vdc	4 (3) A
Voltage 125 Vdc	5 (3) A
Voltage 250 Vdc	3 (2) A

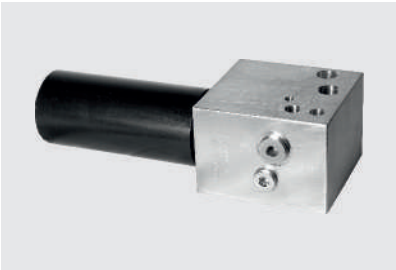


Spare part code
DPE03400

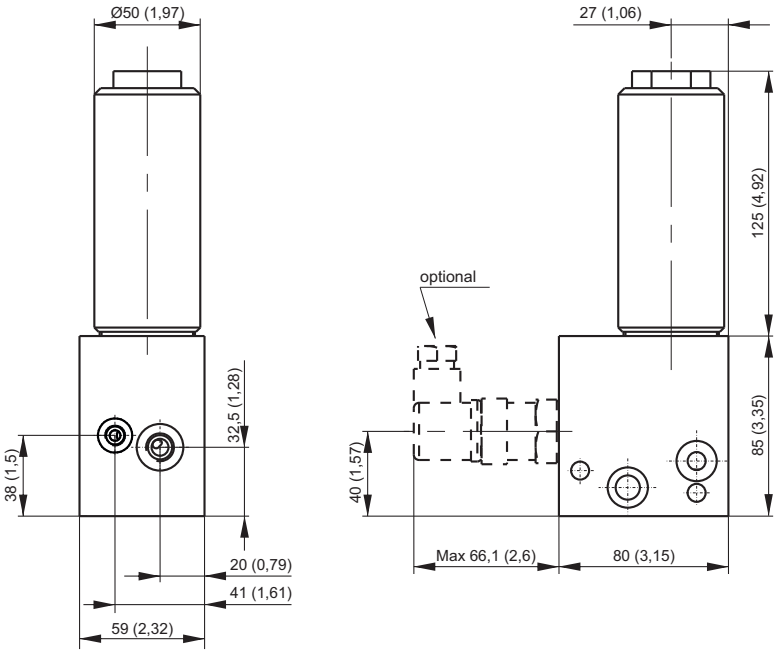
Spare	Cartridge code
10 micron	EAFTH00001
25 micron	EAFTH00002

Note: to add external manifolds to PPC assembly code, just add their spare part codes at the end of the PPC code.
Example: PPC-0,8 12DC-UA-G1,1-J-V200-G-RETURN KIT-1,5L+**EMASH000****+E60433000+...
This block must be mounted as first among the external ones.
For more info and for a mounting example, please see E60433001 code (NG6 CETOP 3 flow control sandwich valve) in G section.
The Cetop valve attachment is on the motor side. With AC motor frames bigger than 71 and DC motors bigger than dia. 125, always add a spacer manifold (see E60403004 code in F section) below the modular block to avoid interference between the valve and the motor.

PRESSURE LINE MODULAR MANIFOLD FILTER FOR HIGH FLOW



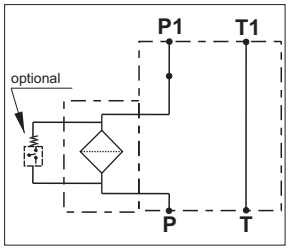
Dimensions in mm (inches)



Main features

Backpressure allowable	21 bar
Max pressure	400 bar
Max flow	32 l/min
Filtration grade	5-15-25 µ
Fluid temperature	-30 ÷ + 80 °C
Weight	2,3 kg
Fixing bolts	2xM8 steel 8.8 or better

Hydraulic scheme



Note: standard code does not include the differential electric or visual pressure switch

Spare part code

E60403025* — **Modular manifold with pressure filter**

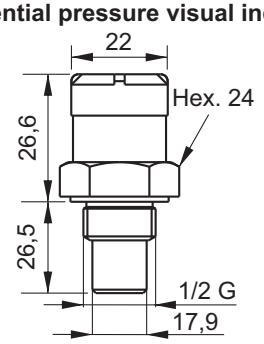
B — **Cartridge filter:**

A = 5 micron fiber reinforced cartridge filter (cartridge spare part code: HPFEHY05)
B = 15 micron fiber reinforced cartridge filter (cartridge spare part code: HPFEHY15)
C = 25 micron fiber reinforced cartridge filter (cartridge spare part code: HPFEHY25)

Note:other filtration grades cartridges available on request
Recommended tightening torque for M8 bolts: 16 Nm.
Attention! Do not use tie-rods less than 8.8
Recommended tightening torque for spin on cartridge: 45Nm

OPTIONS

Differential pressure visual indicator

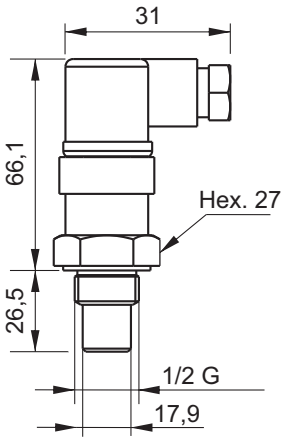


Switching contacts	Red/Green
Ambient temperature	-25 ÷ +80°C
Torque	50 Nm
Proof pressure	675 bar
Max pressure (P1=P2)	400 bar
Pressure rate for set.	10 bar/15 sec
Max different pressure (P1-P2)	200 bar
Diff. pressure setting (horizontal position)	5 bar ± 15%

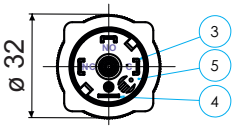
Spare part code

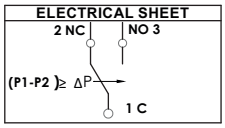
DPV03400

Differential pressure switch



Diff. pressure setting	8 bar ±15%
Protection degree	IP 65
Switching contacts	SPDT
Weight	0,16 Kg
Max different pressure (P1-P2)	200 bar
Proof pressure	675 bar
Max pressure (P1=P2)	450 bar
Torque	50 Nm
Pressure rate for set.	10 bar/15 sec
Ambient temperature	-25 ÷ +85°C
Voltage 14 Vdc	5 (4) A
Voltage 30 Vdc	4 (3) A
Voltage 125 Vdc	5 (3) A
Voltage 250 Vdc	3 (2) A

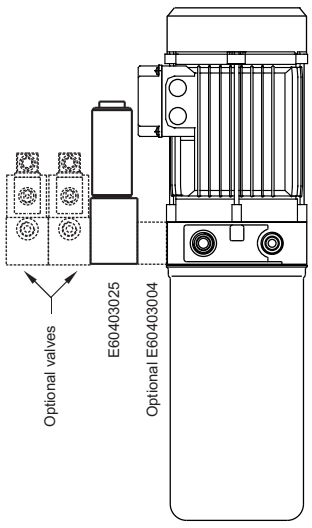




Spare part code

DPE3400

Mounting example



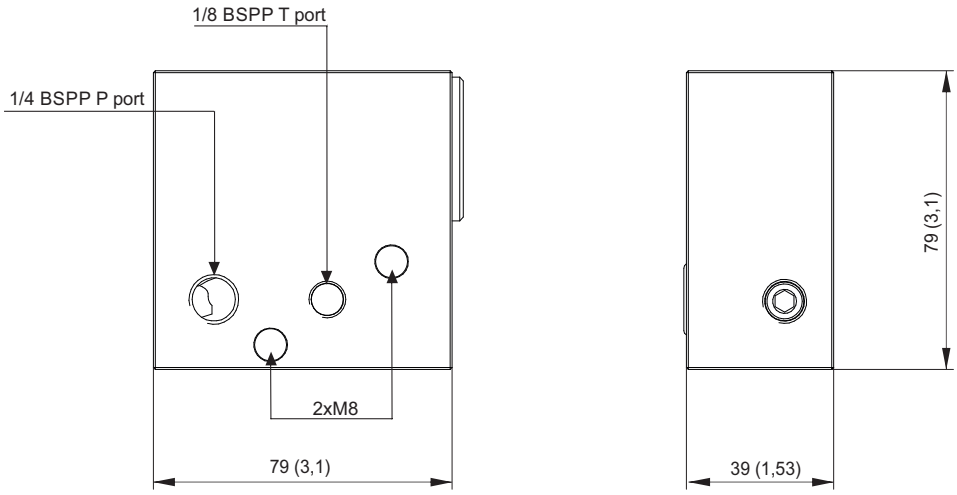
COMPACT PRESSURE LINE MODULAR MANIFOLD FILTER

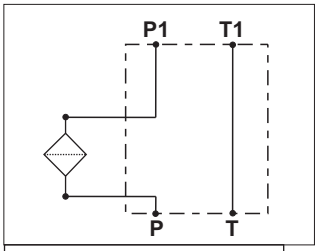


Main features

Max pressure	350 bar
Weight	0,65 kg (1,42 lb)
Fixing bolts	2xM8 tie-rods steel class 8.8 or above
Filtration degree	10 micron 25 micron

Dimensions in mm (inches)





Spare part code
EMASH000**

**

Type:
38: 10 micron
39: 25 micron

Spare	Cartridge code
10 micron	EAFTH00001
25 micron	EAFTH00002

Note: to add external manifolds to PPC assembly code, just add their spare part codes at the end of the PPC code.
Example: PPM-0,8 12DC-MB-JM-G0,1-DM_280-G-RETURN KIT-G-1,5L+**EMASH00038-39....**
This block must be mounted as first among the external ones.
For more info and for a mounting example, please see E60433001 code (NG6 CETOP 3 flow control sandwich valve) in G section.
The Cetop valve attachment is on the motor side. With AC motor frames bigger than 71 and DC motors bigger than dia. 125, always add a spacer manifold (see E60403004 code in F section) below the modular block to avoid interference between the valve and the motor.