

Part number:

HYDROMA

HYDRAULICKÉ SYSTÉMY

**HIDROMA
SYSTEMS**

UKŁADY HYDRAULICZNE

HYDROMA

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

Filter media efficiency

Degree of filtration						Code	
Average filtration beta ratio β (ISO 16889) / particle size μm [c]							
$\beta_{x(c)=2}$	$\beta_{x(c)=10}$	$\beta_{x(c)=75}$	$\beta_{x(c)=100}$	$\beta_{x(c)=200}$	$\beta_{x(c)=1000}$	Disposable Microglass III	Element with reverse flow valve
% efficiency, based on the above beta ration (β_x)							
50.0%	90.0%	98.7%	99.0%	99.5%	99.9%		
N/A	N/A	N/A	N/A	N/A	4.5%	02QI	02QIR
N/A	N/A	4.5	5	6	7	05QI	05QIR
N/A	6	8.5	9	10	12	10QI	10QIR
6	11	17	18	20	22	20QI	20QIR

Ordering information. Standard part numbers

Visual Indicators	Part Number	Setting (bar)
	FMUM3MVMS08	5

Electrical Indicators	Part Number	Setting (bar)	Switch Type	Additional
	FMUT1MVMS08	5	NO/NC	
	FMUF1MVMS08	5	NO	Electronic 4 LED, PNP
	FMUF2MVMS08	5	NO	Electronic 4 LED, NPN
	FMUF3MVMS08	5	NC	Electronic 4 LED, PNP
	FMUF4MVMS08	5	NC	Electronic 4 LED, NPN

Spare elements (Type QI only. Type QIR and QIH on request)

EMDPF Size 3 L1 2 micron	944434Q
EMDPF Size 3 L1 5 micron	944435Q
EMDPF Size 3 L1 10 micron	944436Q
EMDPF Size 3 L1 20 micron	944437Q
EMDPF Size 3 L2 2 micron	944438Q
EMDPF Size 3 L2 5 micron	944439Q

EMDPF Size 3 L2 10 micron	944440Q
EMDPF Size 3 L2 20 micron	944441Q
EMDPF Size 4 L1 2 micron	944442Q
EMDPF Size 4 L1 5 micron	944443Q
EMDPF Size 4 L1 10 micron	944444Q
EMDPF Size 4 L1 20 micron	944445Q

EMDPF Size 4 L2 2 micron	944446Q
EMDPF Size 4 L2 5 micron	944447Q
EMDPF Size 4 L2 10 micron	944448Q
EMDPF Size 4 L2 20 micron	944449Q

EMDPF *iprotect*[®]

High Pressure Duplex Filter

Ordering Information

Box 1	Box 2	Box 3	Box 4	Box 5	Box 6	Box 7	Box 8
EMDPF3	2	02QI	B	P	M	G16	1

Box 1

Capacity	
Model	Code
Size 3	EMDPF3
Size 4	EMDPF4

Box 2

Filter Length	
	Code
Length 1	1
Length 2	2

Highlights Key (Denotes part number availability)

123	Item is standard
123	Item is standard green option
123	Item is semi standard
123	Item is non standard

Box 3

Degree of filtration				
	Media code			
<i>iprotect</i> [®] Glassfibre element(*)	02QI	05QI	10QI	20QI

* High collapse elements type QIH on request

Box 4

Seal Material	
	Code
Nitrile	B
Fluorelastomer	V

Box 5

Indicator	
	Code
Visual Indicator	M3
Electrical Indicator	T1
Electronic 4 LED, PNP, NO	F1
Electronic 4 LED, NPN, NO	F2
Electronic 4 LED, PNP, NC	F3
Electronic 4 LED, NPN, NC	F4
Plugged with Steel plug	P
No indicator port	N

Other versions like ATEX on request
All electrical indicators are CE-certified

Box 6

Bypass Setting		
	Indicator Setting	Code
3.5 bar	2.5 bar	K
5.0 bar	3.5 bar	L
7.0 bar	5.0 bar	M
No bypass	5.0 bar	M
No bypass	No indicator	X

Important notes: When no bypass is selected Parker strongly advises the usage of high strength elements

Box 7

Filter Connection		
	Connection type & size	Code
Size 3	Thread 1" BSP	G16
	SAE - flange 1 1/4" 6000M	H20
Size 4	Thread 1 1/4" BSP	G20
	SAE - flange 1 1/2" 6000M	H24

Box 8

Options	
	Code
Standard	1
No Bypass	2