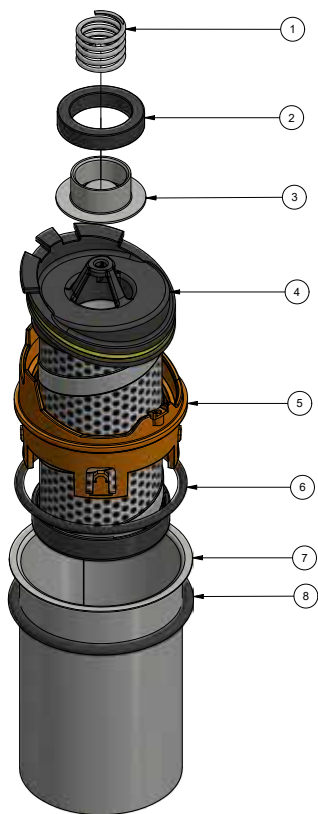


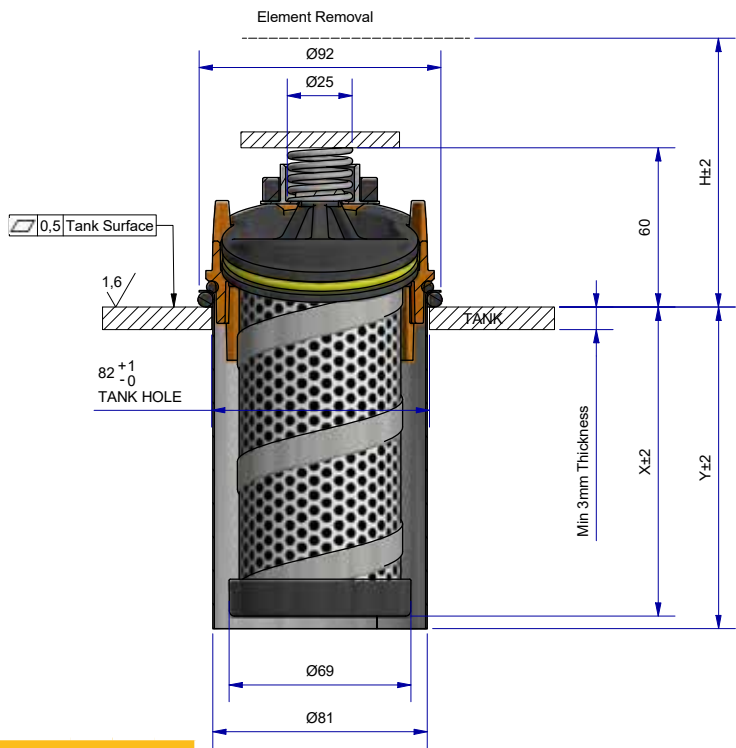
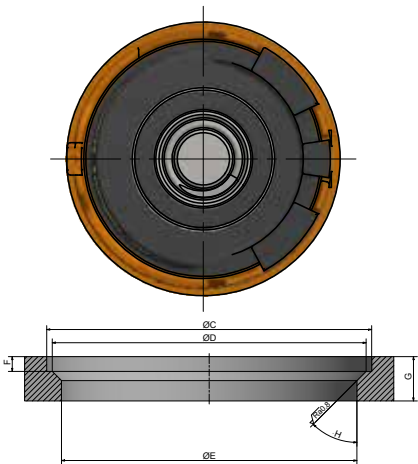
Low Pressure iprotect® Series

GLI - In-Tank Mounted Return Line Hydraulic Oil Filter

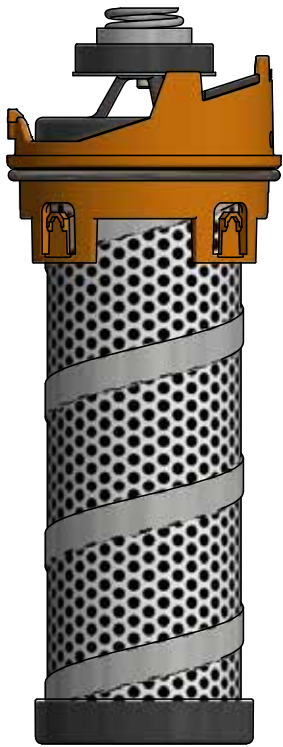
GLI - Size 1 Technical information



PARTS LIST		
ITEM	QTY	DESCRIPTION
1	1	TOP SPRING GLI1 ASSEMBLY
2	1	MAGNET COLUMN (Optional)
3	1	TOP SPRING/MAGNET HOLDER
4	1	ELEMENT
5	1	ADAPTER RING GLI1
6	1	O-RING
7	1	FUNNEL GLF 1 (Optional)
8	1	O-RING



DIMENSION				
TYPE	X	Y	H	
GLI11	117	122	180	
GLI12	172	177	235	



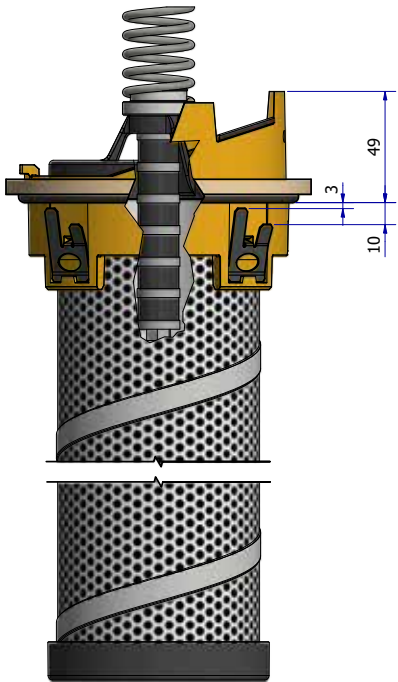
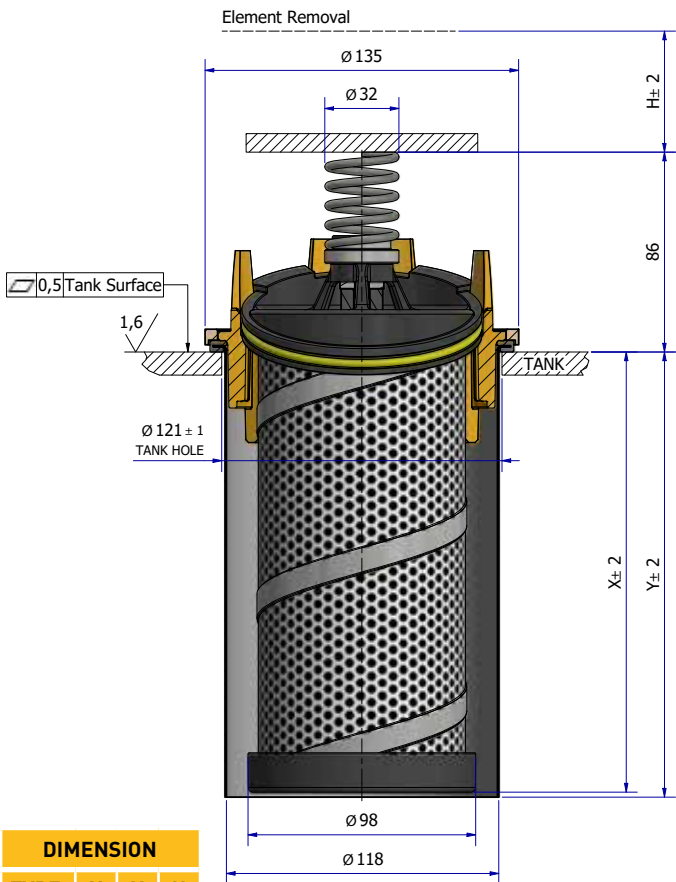
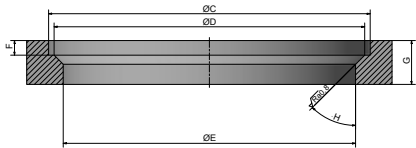
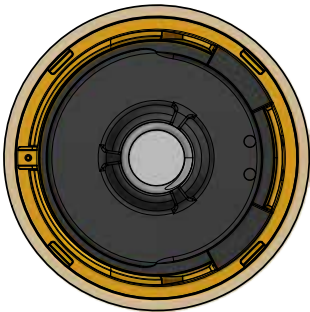
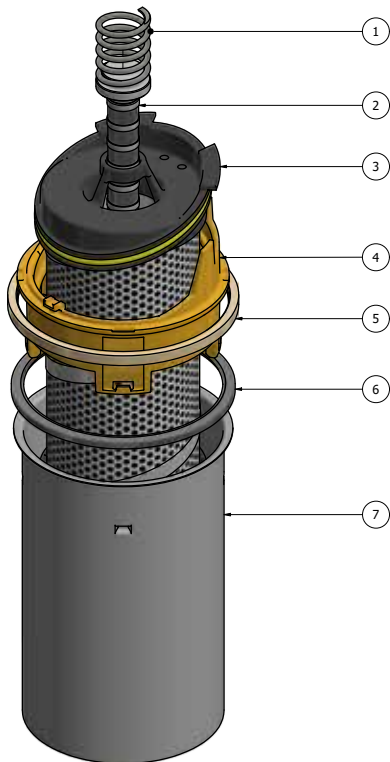
MOUNTING ARRANGEMENT WITHOUT FUNNEL						
TYPE	C	D	E	F	G	H
GLI1	88	85	80	4	12	45

Low Pressure iprotect® Series

GLI - In-Tank Mounted Return Line Hydraulic Oil Filter

GLI - Size 2 Technical information

PARTS LIST		
ITEM	QTY	DESCRIPTION
1	1	TOP SPRING ASSEMBLY
2	1	MAGNET COLUMN (Optional)
3	1	ELEMENT
4	1	ADAPTER RING GLF 2
5	1	SEAL SUPPORT RING GLI2
6	2	GASKET
7	1	FUNNEL (Optional)



DIMENSION			
TYPE	X	Y	H
GLI21	190	192	223
GLI22	289	291	322

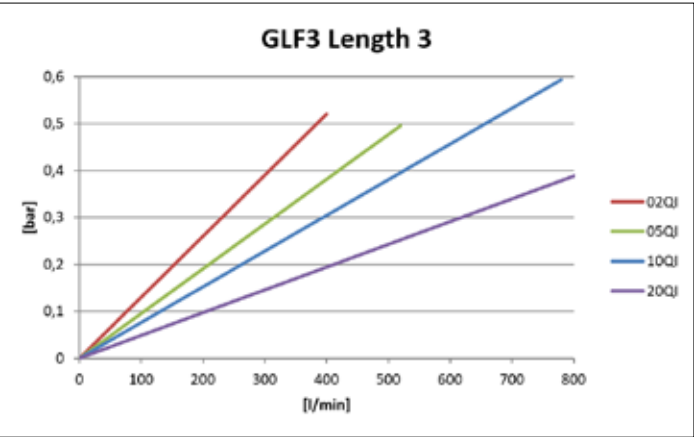
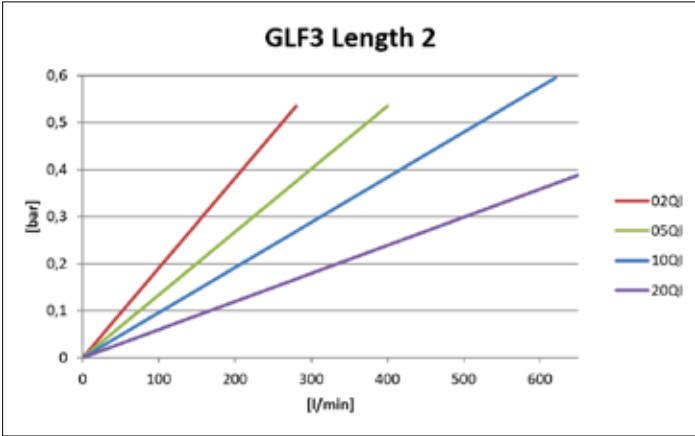
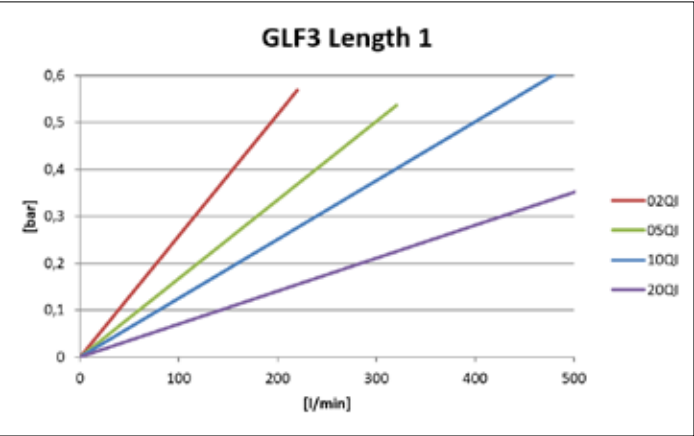
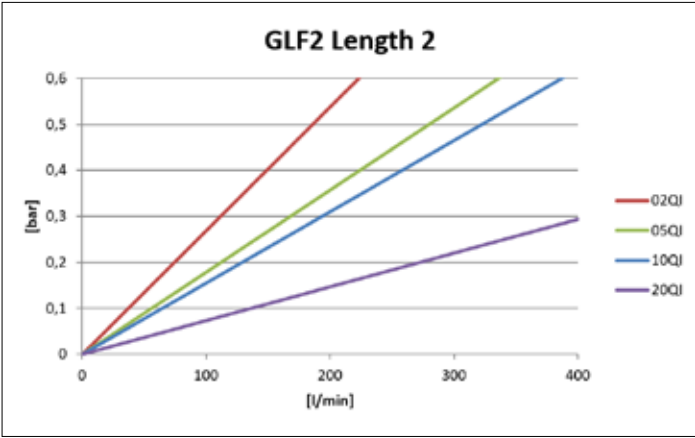
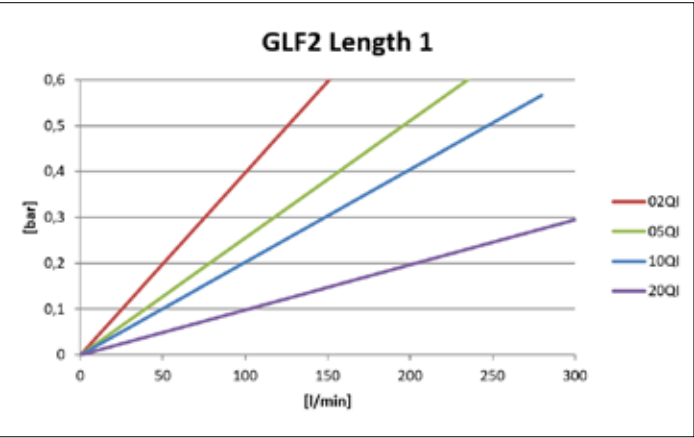
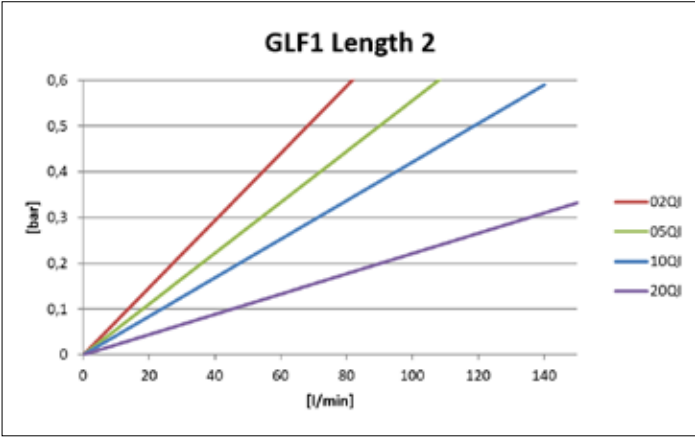
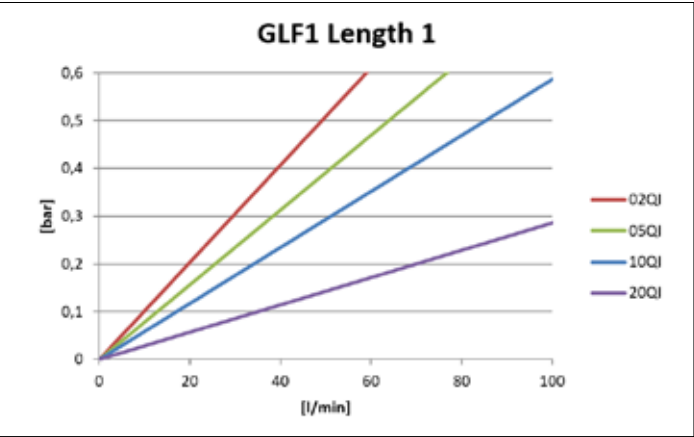
MOUNTING ARRANGEMENT WITHOUT FUNNEL						
TYPE	C	D	E	F	G	H
GLI2	126	122	117	5	15	45



Low Pressure iprotect® Series

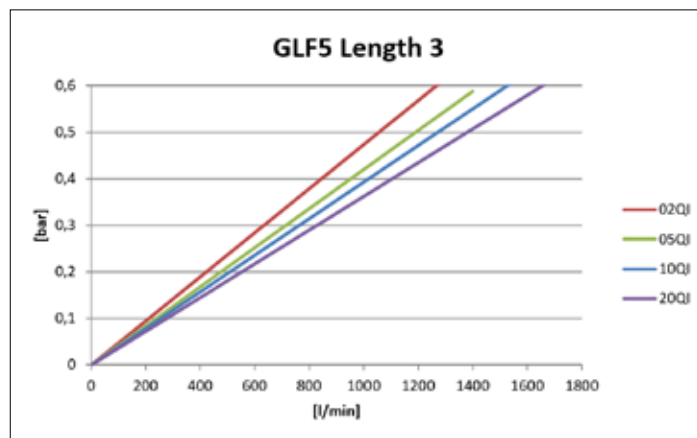
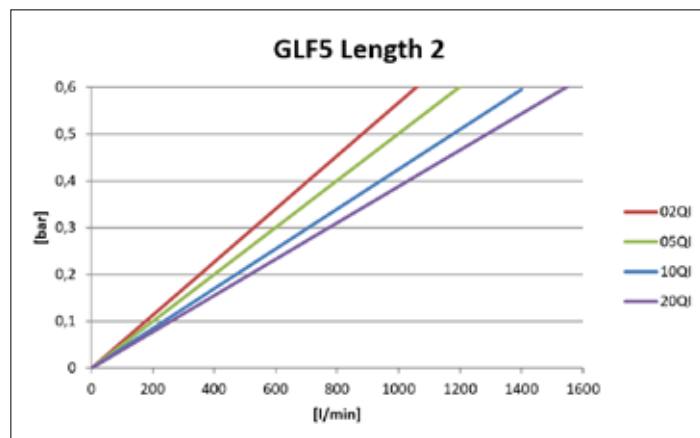
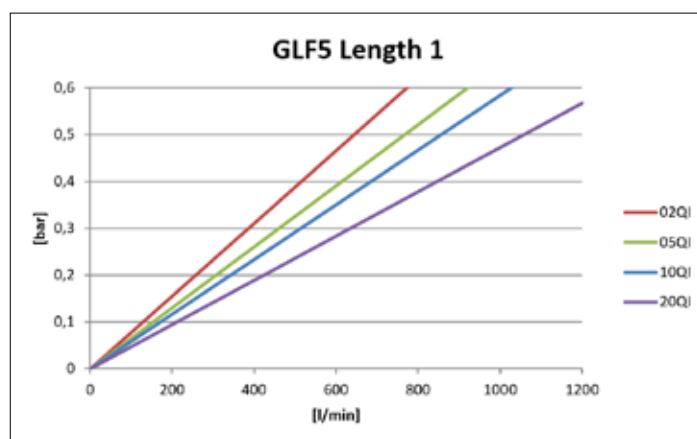
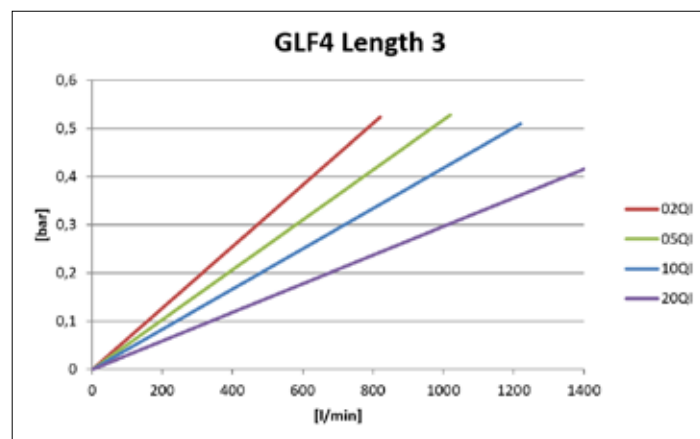
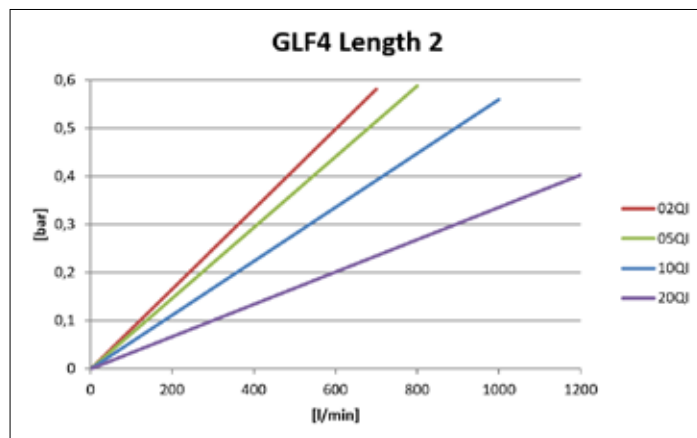
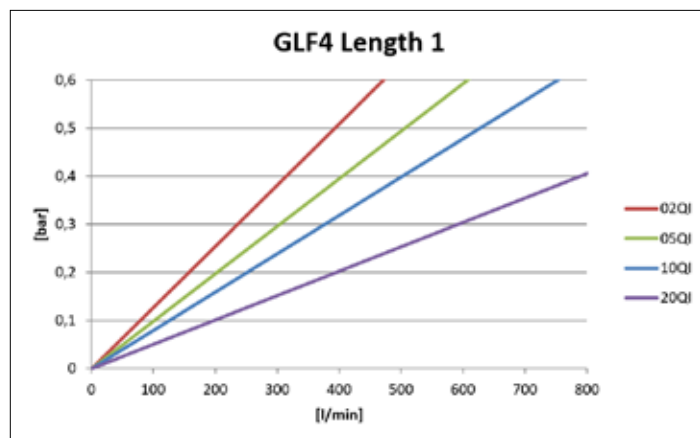
In-Tank and Tank Top Return Line Hydraulic Oil Filters.

Pressure Drop Curves based on 30 cSt



Low Pressure iprotect® Series

In-Tank and Tank Top Return Line Hydraulic Oil Filters.



Nominal flow (l/min) at viscosity 30cSt

Filter model	02QI	05QI	10QI	20QI
GLF1 Length 1	55	70	80	100
GLF1 Length 2	70	80	120	150
GLF2 Length 1	125	175	250	300
GLF2 Length 2	175	265	350	400
GLF3 Length 1	200	285	450	500
GLF3 Length 2	250	375	600	650
GLF3 Length 3	375	500	750	800
GLF4 Length 1	400	500	600	800
GLF4 Length 2	600	700	900	1100
GLF4 Length 3	800	1000	1200	1400
GLF5 Length 1	700	800	900	1100
GLF5 Length 2	900	1000	1200	1400
GLF5 Length 3	1100	1200	1400	1700

Low Pressure iprotect® Series

In-Tank and Tank Top Return Line Hydraulic Oil Filters.

Highlights Key	Code
Item is standard	123
Item is non-standard	123

Ordering information

Box 1	Box 2	Box 3	Box 4	Box 5	Box 6	Box 7	Box 8
GLF1	2	10QI	B	P	G	G16	MF

Box 1

Filter size	Tanktop Code	In-Tank Code
Size 1	GLF1	GLI1
Size 2	GLF2	GLI2
Size 3	GLF3	GLI3
Size 4	GLF4	
Size 5	GLF5	GLI5

Box 2

Filter Length	Code
Length 1	1
Length 2	2
Length 3 (GLF3, 4 & 5 only)	3

Box 3

Degree of Filtration						
2	10	75	100	200	1000	Media
N/A	N/A	N/A	N/A	4	4,5	02QI
N/A	N/A	4,5	5	6	7	05QI
N/A	5	7,5	8	9	11	10QI
5	9	15	16	18	21	20QI

• Average filtration ratio B (ISO 16889) / particle size µm(c)

Box 4

Seal Material	Code
Nitrile	B

• Availability of other Seal types (like Fluoroelastomer) on request.

Box 5

Indicator Type	Code
No indicator ports (only GLI)	N1
Both Indicator Ports plugged	P2

• Indicators are available separately; See the Spare Indicators table

Box 6

Bypass and Indicator Setting	indicator	Code
1.7 bar	1.2 bar	G

• Availability of other settings (like a 3,5 bar Bypass / 2.5 bar Indicator) on request

Box 7

Filter Connections						
Connections	GLI Code	GLF1 Code	GLF2 Code	GLF3 Code	GLF4 Code	GLF5 Code
No port	XXX					
Single Port ISO 228-G3/4" (BSP)		G12				
Dual Port ISO 228-G3/4" (BSP)		2G12				
Single Port ISO 228-G1" (BSP)		G16	G16			
Dual Port ISO 228-G1" (BSP)		2G16	2G16			
Single Port ISO 228-G1 1/4" (BSP)			G20	G20		
Dual Port ISO 228-G1 1/4" (BSP)			2G20	2G20		
Single Port ISO 228-G1 1/2" (BSP)			G24	G24		
Dual Port ISO 228-G1 1/2" (BSP)			2G24	2G24		
Single Port 1 1/2" SAE-3000M			R24	R24		
Dual Port 1 1/2" SAE-3000M			2R24	2R24		
Single Port 2" SAE-3000M				R32		
Dual Port 2" SAE-3000M				2R32		
Single Port 2 1/2" SAE-3000M					R40	
Dual Port 2" / 2 1/2" SAE-3000M					2R40	
Single Port 3" SAE-3000M					R48	R48
Dual Port 2" / 3" SAE-3000M					2R48	
Dual Port 3" / 3" SAE-3000M						2R48

Box 8

Options	Code
No options	N
Magnet Column	M
Funnel	F
Magnet column & Funnel	MF

• An air breather for the GLF1 and 2 are available separately; See the Spare Parts table on the next page

Low Pressure iprotect® Series

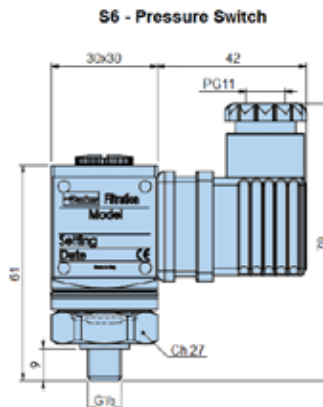
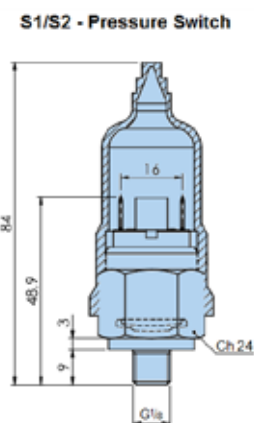
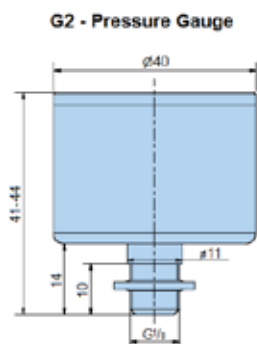
TOTAL SYSTEM HEALTH WITH

Spare Parts

PREVENTION

Spare Indicators	
Description	Part Number
G2 - Pressure Gauge	FMUG2EBPG02L
S1 - Pressure Switch <48V N.O.	LPSS1EBG02MRP1
S2 - Pressure Switch <48V N.C.	LPSS2EBG02MRP1
S6 - Pressure Switch 250V SPDT	LPSS6EBG02APCR1

Spare Air Breather	
Description	Part Number
Air Breather (GLF 1 only)	AB683101-1
Air Breather (GLF 2 only)	AB685101



Spare Elements (Nitrile) with Bypass setting 1.7 bar										
Media	GLF 1 Length 1	GLF 1 Length 2	GLF 2 Length 1	GLF 2 Length 2	GLF 3 Length 1	GLF 3 Length 2	GLF 3 Length 3	GLF 4 Length 1	GLF 4 Length 2	GLF 4 Length 3
02QI	944830Q	944831Q	944846Q	944847Q	944862Q	944863Q	944864Q	944886Q	944887Q	944888Q
05QI	944832Q	944833Q	944848Q	944849Q	944865Q	944866Q	944867Q	944889Q	944890Q	944891Q
10QI	944834Q	944835Q	944850Q	944851Q	944868Q	944869Q	944870Q	944892Q	944893Q	944894Q
20QI	944836Q	944837Q	944852Q	944853Q	944871Q	944872Q	944873Q	944895Q	944896Q	944897Q

Spare Elements (Nitrile) without Bypass			
Media	GLF 5 Length 1	GLF 5 Length 2	GLF 5 Length 3
02QI	944910Q	944911Q	944912Q
05QI	944913Q	944914Q	944915Q
10QI	944916Q	944917Q	944918Q
20QI	944919Q	944920Q	944921Q

Seal Kits GLF	
Description	Part Number
SEAL KIT GLF1 NBR	GLFSK100
SEAL KIT GLF1 FKM	GLFSK101
SEAL KIT GLF2 NBR	GLFSK200
SEAL KIT GLF2 FKM	GLFSK201
SEAL KIT GLF3 NBR	GLFSK300
SEAL KIT GLF3 FKM	GLFSK301
SEAL KIT GLF4 NBR	GLFSK400
SEAL KIT GLF4 FKM	GLFSK401
SEAL KIT GLF5 NBR	GLFSK500
SEAL KIT GLF5 FKM	GLFSK501

Seal Kits GLI	
Description	Part Number
SEALKIT GLI1 WITH FUNNEL NBR	GLISK100
SEALKIT GLI1 NBR	GLISK101
SEALKIT GLI1 WITH FUNNEL FKM	GLISK102
SEALKIT GLI1 FKM	GLISK103
SEALKIT GLI2 WITH FUNNEL NBR	GLISK200
SEALKIT GLI2 NBR	GLISK201
SEALKIT GLI2 WITH FUNNEL FKM	GLISK202
SEALKIT GLI2 FKM	GLISK203
SEALKIT GLI3 WITH FUNNEL NBR	GLISK300
SEALKIT GLI3 NBR	GLISK301
SEALKIT GLI3 WITH FUNNEL FKM	GLISK302
SEALKIT GLI3 FKM	GLISK303
SEALKIT GLI5 WITH FUNNEL NBR	GLISK500
SEALKIT GLI5 NBR	GLISK501
SEALKIT GLI5 WITH FUNNEL FKM	GLISK502
SEALKIT GLI5 FKM	GLISK503