



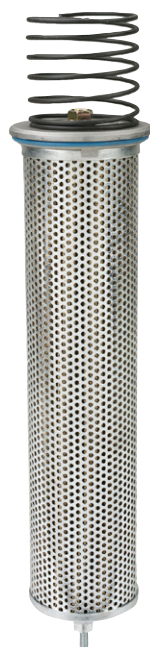
Threaded Filler Breather Caps

Model BF Series

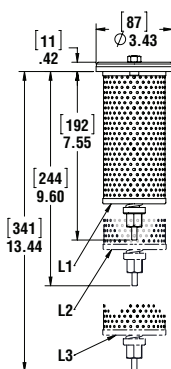
- Maximum flow rate 35 CFM, 250 GPM@.56 PSI
- Steel Zinc Plated or Epoxy coated caps
- Steel zinc plated fitting base
- 10 or 40 micron foam filtration
- Operating temperature -22 F to +212 F (-30C to +100C)
- Compatible with petroleum and mineral base oils

Options Available:

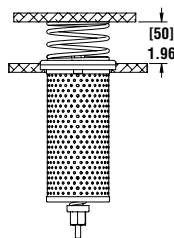
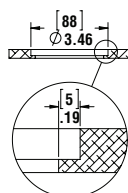
- 1/4", 3/8", 1/2", 3/4", 1" NPT threads
- 9/16"-18 thread available



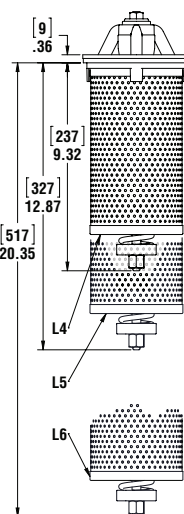
TFREK



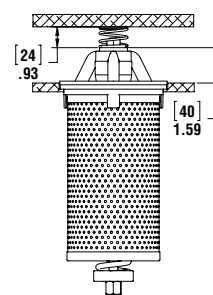
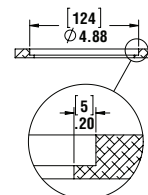
TFR-EK1



Tank Internal Plate
Without Diffuser



TFR-2EK



Tank Internal Plate
Without Diffuser

TFREK-1 Element Length

MODEL	TFR 1	ELEMENT D	LENGTH E	LENGTH F
TFREK1-L1	IN	5.9	7.3	8.3
	MM	150	185	210
TFREK1-L2	IN	7.9	9.3	10.2
	MM	200	235	260
TFREK1-L3	IN	11.8	13.2	14.2
	MM	300	335	360

TFREK-2 Element Length

MODEL	TFR 1	ELEMENT D	LENGTH E	LENGTH F
TFREK2-L4	IN	7.5	9.4	11.6
	MM	190	240	295
TFREK2-L5	IN	11.0	13.0	15.2
	MM	280	330	385
TFREK2-L6	IN	18.5	20.5	22.6
	MM	470	520	575

TFREK cartridge insert is a self contained element that allows the customer to design a filter for the specific requirements of their reservoir. It also will save space, reduce plumbing and reduce pressure drops. The reservoir can be filled through the filter.

For TFRE Element details see page 28a

Assembly Ordering Code

TFREK 1 — 10 — L1 — R

MODEL	MICRON	BOWL	BYPASS
TFREK 1	10	LENGTH	P 15 PSI BYPASS
TFREK 2	25	MODEL	R 25 PSI BYPASS
	10SYN	L1	W 50 PSI BYPASS
	25SYN	L2	
		L3	
		L4	
		L5	
		L6	

See Technical Bulletin TB.FIL09.708, TB.FIL11.708, TB.FIL20.708, TB.FIL22.708, for further information at (Technical Data – www.lenzinc.com)



2" Diameter Filter Indicating Gauges



MC-12

Return Line Indicating Gauge
for 15 P.S.I. Filter Applications
2" Multi color

0-12 P.S.I. Green
12-15 P.S.I. Yellow
15-60 P.S.I. Red (Service Filter)
(To be used with "T" Indicator Port Location)



MC-20

Return Line Indicating Gauge
for 25 P.S.I. Filter Applications
2" Multi color

0-20 P.S.I. Green
21-24 P.S.I. Yellow
25-60 P.S.I. Red (Service Filter)
(To be used with "T" Indicator Port Location)



CP-2

Compound Indicating Gauge
(Suction or Return Line)

10" to 30" Vacuum is a Red Danger Area.
0-60 PSI
A Red "Change Filter" Sticker for the
Pressure side is included with each gauge
for application after the pressure factor
is determined.
(To be used with "T" or "S" Indicator Port Location)



GLY-MC-20

Glycerin Filled
Return Line Indicating Gauge
for 25 P.S.I. Filter Applications
2" Multi color

0-20 P.S.I. Green
21-24 P.S.I. Yellow
25-60 P.S.I. Red (Service Filter)
(To be used with "T" Indicator Port Location)



135080

Suction Line Indicating Gauge for
5 P.S.I. vacuum filter application
2" Multi color

0-9" HG Green
9-11" HG Yellow
11-30" HG Red (Service Filter)
(To be used with "S" Indicator Port Location)



VAC-3-20

Suction Line Indicating Gauge
for 3 P.S.I. vacuum filter applications
2" Multi color

0-3" HG Green
4-6" HG Yellow
6-30" HG Red (Service Filter)
(To be used with "S" Indicator Port Location)



Differential Indicator DP-75

Simple differential sliding
indicator which changes from
green to red at 7 P.S.I.D.

0 - 7 P.S.I.D. Green Clean
7 - 10 P.S.I.D. Red Service Filter
CP Series (500, 750, 1010, 1280,
1580)



Electrical Filter Indicators

Field Adjustable

Specifications:

- 1/8 NPT connection
- 3 AMP 12/24 VDC, 125/250 VAC IP67
- +/- 2% repeatability of full set point range @ 70° F
- Operating temperature 40°F to +250°F (-40°C to 121°C)
- 1,000,000 cycles mechanical range
- Maximum pressure 500 (25 BAR) PSI
- Steel housing, zinc plated
- Buna N diaphragm
- SPDT snap action switch

Options:

- EPDM seals -10°F – 250°F (-23°C – 121°C)
- Viton seals 0 – 250°F (-18°C – 121°C)
- Flying leads

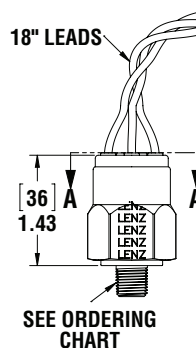
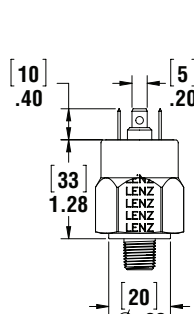
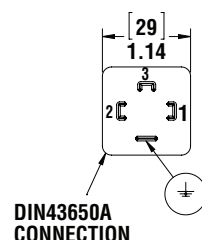
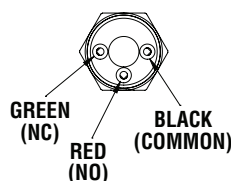
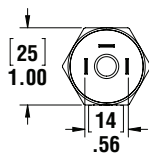


LES-FL

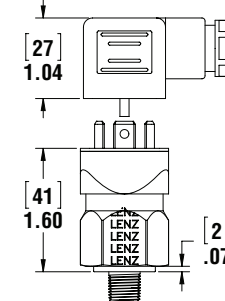


LES-HC

MODEL	ADJUSTMENT RANGE	AVERAGE DIFFERENTIAL	SET PRESSURE
P1	3-20 PSI (.2-1.4 BAR)	2-5 PSI (.13-0.4 BAR)	15 PSI
P2	15-80 PSI (1.03-6 BAR)	4-7 PSI (.27-0.5 BAR)	22 PSI
V1	5-28 IN Hg (160-948mb)	2-4 INHg (67-135mb)	5 Hg



LES-FL



LES-HC

Switch Ordering Code

LES - P1 - 2N - B - HC -

SERIES	ADJUSTMENT RANGE	THREAD	SEALS	ELECTRICAL CONNECTION	OPTIONS
LES	P1 3-20 PSI P2 15-80 PSI V1 5-30" HG RISING	2N 1/8" NPT 4N 1/4" NPT 4S 7/16"-20 6S 9/16"-18	B Buna V Viton E EPDM	FL FLYING LEADS HC DIN CLAMP	OMIT SS STAINLESS HOUSING IL IND LIGHT

Switch can be used in AC or DC Service.
For other options consult factory.

See Technical Bulletin TB.FIL23.912, or further information at
(Technical Data – www.lenzinc.com)