



## Medium Pressure In Line Filters Cartridge Type

### Suction or Return Line Application Model DH & DHA (NPT & SAE Ports)

#### Specifications

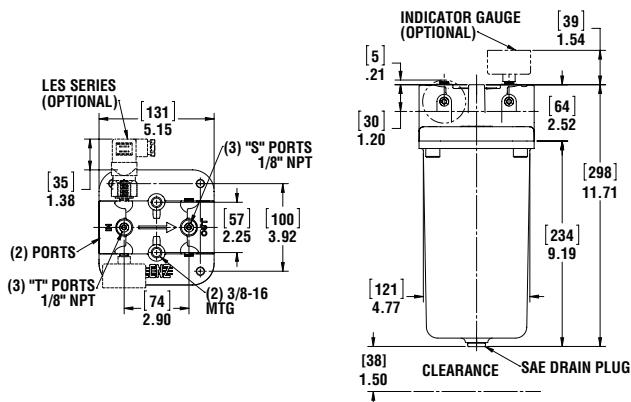
- Working pressure 350 P.S.I. (24 Bar) 80 PSI ΔP w/o bypass
- Operating Temperatures -22° F to +212° F (-32° C to +100° C)
- Flows to 75 GPM ( 280 LPM) Return
- 1/2", 3/4", 1", 1 1/4", 1 1/2" Ports
- Cellulose and wire mesh elements
- Aluminum casting
- Buna Seals
- Compatible with mineral oils HH, HL, HM,HR,HV, HG, synthetic fluids A and M series types HS, HFDR, HFDS, HFDU and water based emulsions HFAE, HFAS according to ISO 6743/4
- Aluminum bowl with SAE drain plug
- 2.5 (lbs) 1.1 (kg), 5.5lbs, (2.5 kgs) shipping weight

#### Options

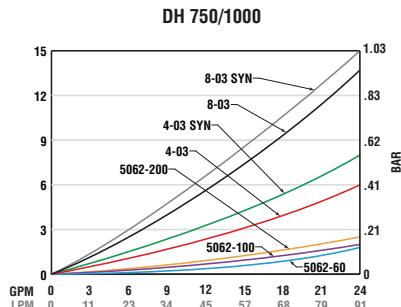
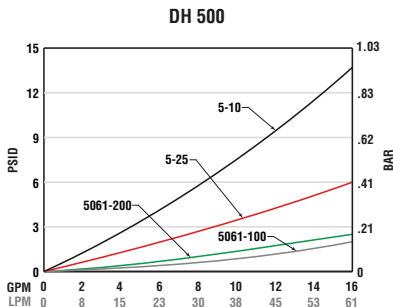
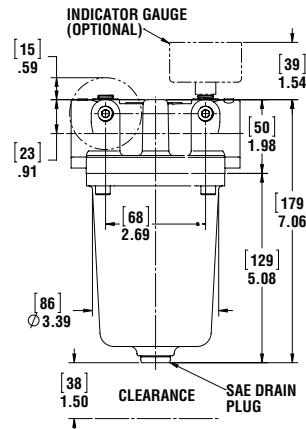
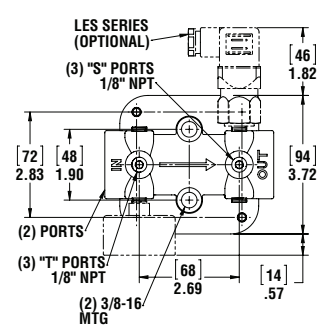
- NPT or SAE Ports
- 10, 25, micron cellulose, synthetic elements
- 60, 100, 200 wire mesh
- Visual or electrical indicators
- 5, 15, 25 P.S.I.D., blocked bypass options for return or suction
- Optional Viton, EPR seals
- Viton Seals required for synthetic fluid



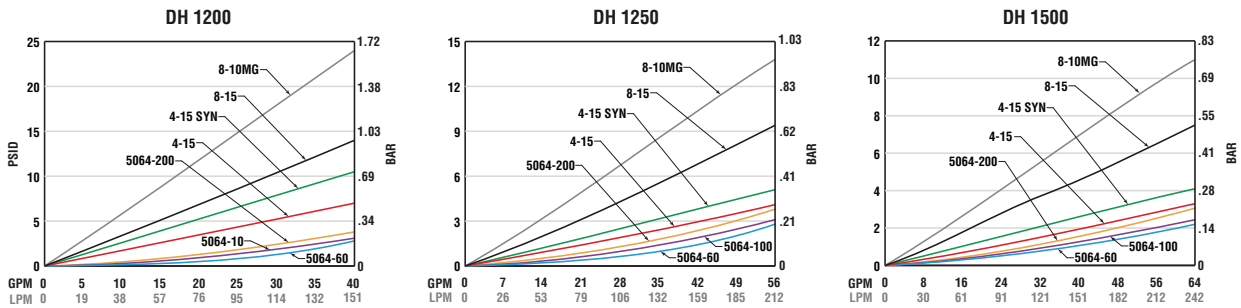
**DH-1200, DH-1250, DH-1500**



**DH-750, DH-1000**



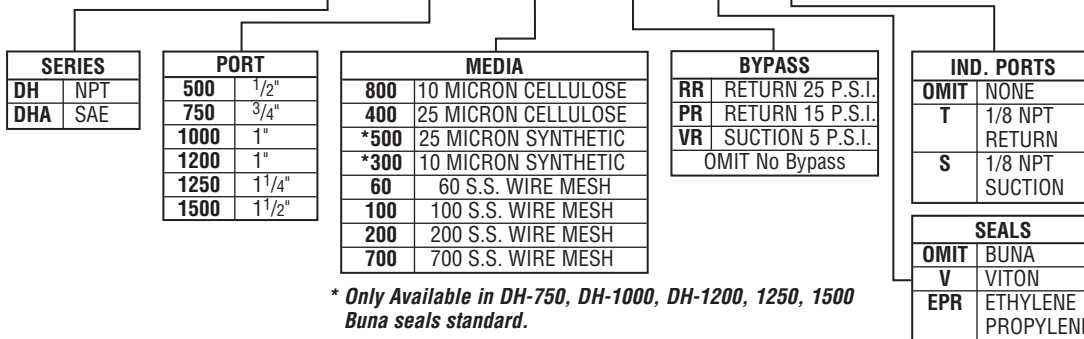
See Technical Bulletin TB.FIL03.708, TB.FIL9.708, TB.FIL11.708, TB.FIL13.708, TB.FIL18.708, for further information at (Technical Data – [www.lenzinc.com](http://www.lenzinc.com))



Temperature 100° F Viscosity 150 SUS  
Average pressure drop through clean assembly

## Assembly Ordering Code

**DH – 750 – 800 – PR – V – T**



**For indicator gauge specifications and ordering information see pages 34a-35a**



## Replacement Elements

MODEL	SERIES	MEDIA	IM <sup>2</sup>	CM <sup>2</sup>	RATING B(X)=2/20/75	DIRT HOLDING CAPACITY
5-10	DH-500	10 MICRON CELLULOSE	143	920	10µ/25µ/32µ	4
5-25	DH-500	25 MICRON CELLULOSE	143	920	43µ/46µ/54µ	5.7
8-03	DH-750, 1000	10 MICRON CELLULOSE	342	2206	10µ/25µ/32µ	10
8-03 SYN	DH-750, 1000	10 MICRON SYNTHETIC	102	655	4µ/10µ/12µ	6
4-03	DH-750, 1000	25 MICRON CELLULOSE	342	2206	43µ/46µ/54µ	14
4-03 SYN	DH-750, 1000	25 MICRON SYNTHETIC	102	655	7µ/16µ/23µ	7
8-15	DH-1200, 1250, 1500	10 MICRON CELLULOSE	1122	7237	10µ/25µ/32µ	34
8-10MG	DH-1200, 1250, 1500	10 MICRON SYNTHETIC	798	5150	3µ/10µ/12µ	47
4-15	DH-1200, 1250, 1500	25 MICRON CELLULOSE	1122	7237	43µ/46µ/54µ	45
4-15 SYN	DH-1200, 1250, 1500	25 MICRON SYNTHETIC	798	5150	7µ/16µ/23µ	55
5061-100	DH-500	100 SS WIRE MESH	55	360	141µ	N/A
5061-200	DH-500	200 SS WIRE MESH	55	360	74µ	N/A
5062-200	DH-750, 1000	200 S.S. WIRE MESH	120	774	74µ	N/A
5062-100	DH-750, 1000	100 S.S. WIRE MESH	120	774	140µ	N/A
5062-700	DH-750, 1000	700 S.S. WIRE MESH	87	560	25µ	N/A
5062-60	DH-750, 1000	60 S.S. WIRE MESH	120	774	262µ	N/A
5064-200	DH-1200, 1250, 1500	200 S.S. WIRE MESH	325	2096	74µ	N/A
5064-60	DH-1200, 1250, 1500	60 S.S. WIRE MESH	325	2096	262µ	N/A
5064-100	DH-1200, 1250, 1500	100 S.S. WIRE MESH	325	2096	144µ	N/A
5064-700	DH-1200, 1250, 1500	700 S.S. WIRE MESH	279	1800	25µ	N/A

*Consult factory for other medias, and high collapse medias, element lengths*

Beta Rating of 2 = 50% Efficiency  
Beta Rating of 20 = 95% Efficiency  
Beta Rating of 75 = 98.7% Efficiency

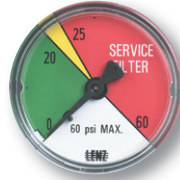
Note: 45 P.S.I. Pressure Drop Maximum  
Without Bypass Valve In Filter Head



## 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

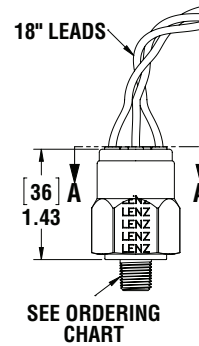
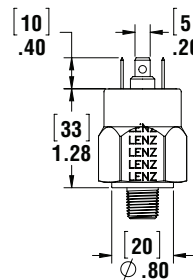
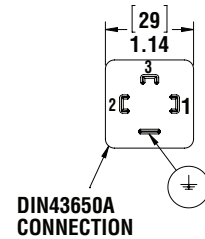
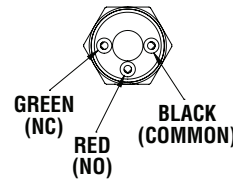
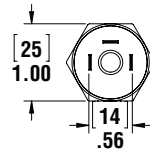


LES-FL

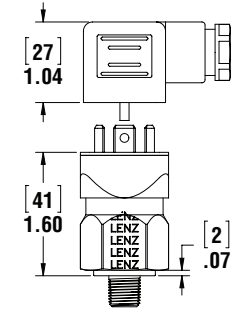


LES-HC

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



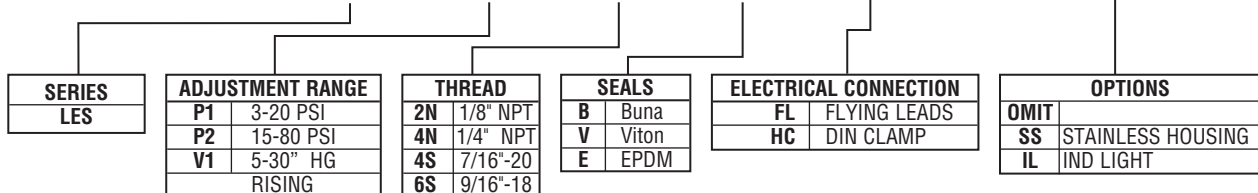
LES-FL



LES-HC

## Switch Ordering Code

LES - P1 - 2N - B - HC -



Switch can be used in AC or DC Service.  
For other options consult factory.  
Switch does not indicate differential pressure

See Technical Bulletin TB.FIL23.912, or further information at  
(Technical Data – [www.lenzinc.com](http://www.lenzinc.com))