



LDI Industries

Liquid Level Sight Plugs/Checks

Can be used as an observation window to check burner flames, gears in motion, and relay or switch operation in sealed housings. Allow visual inspection of fluid levels in gear boxes or reservoirs. High-pressure sight plugs have a fused heavy glass window. Steel body with electroless nickel plating. Open view (no reflector). Low-pressure sight plugs feature stainless steel reflector to aid viewing of dark fluids. Solid brass body, clear glass sight, and Buna N seals.

Note: Not intended for steam applications.

Pipe Thread	Sight Dia. (in.)	Hex Dia. (in.)	Max. Operating (psi)	Body	Mfr. Model	Item No.
Sight Plug						
1 1/4-11 1/2	1 3/16 in	1 3/4 in	25	Solid Brass	LSP151-07-01	1U919
High Pressure Fused Sight						
1/2-14	9/16 in	1 1/8 in	1,750	Steel	LSP51-04	1U923
3/4-14	3/4 in	1 1/8 in	1,500	Steel	LSP51-05	1U924
1-11 1/2	1 1/8 in	1 3/4 in	1,250	Steel	LSP51-06	1U925
1 1/4-11 1/2	1 3/8 in	1 3/4 in	1,000	Steel	LSP51-07	1U926
1 1/2-11 1/2	1 7/8 in	2 in	750	Steel	LSP51-08	1U927
2-11 1/2	1 7/8 in	2 1/2 in	500	Steel	LSP51-09	1U928
Low Pressure Sight Plug						
1/2-14	9/16 in	1 1/8 in	100	Solid Brass	LSP151-04-01	1U916
3/4-14	3/4 in	1 1/8 in	60	Solid Brass	LSP151-05-01	1U917
1-11 1/2	1 1/8 in	1 3/4 in	100	Solid Brass	LSP151-06-01	1U915
1 1/4-11 1/2	1 1/8 in	1 3/4 in	60	Solid Brass	LSP151-07-01	1U918
1 1/2-11 1/2	1 1/8 in	2 in	25	Solid Brass	LSP151-08-01	1U920
2-11 1/2	1 1/8 in	2 1/2 in	10	Solid Brass	LSP151-09-01	1U921

Closed-Circuit Front-Mount Liquid Level Gages

- Aluminum construction with Buna N seals

PIPE ADAPTERS

1/4" NPTF brass pipe adapters for mounting in heavy-wall tank or weld spuds on reservoir walls. Borosilicate sight glass with red line on white background.

DIAL THERMOMETERS

Dial probe thermometer series gage features highly accurate protected sensing element. Stainless steel dial thermometer: 1 3/8" dia., 50° to 300°F. 1/2-20 UNF thread. Borosilicate sight glass with red line on white background.

Mounting Centers (in.)	Max. Operating (psi)	Max. Operating Temp. (°F)	Mfr. Model	Item No.
Pipe Adapters				
5 in	290 psi	250 °F	G607-05-A-1-2	1U929
6 in	290 psi	250 °F	G607-06-A-1-2	1U930
9 in	290 psi	250 °F	G607-09-A-1-2	1U932
12 in	270 psi	250 °F	G607-12-A-1-2	1U933
Dial Thermometers				
5 in	125 psi	250 °F	G615-05-A-1	1U935
7 in	125 psi	250 °F	G615-07-A-1	1U936
12 in	125 psi	250 °F	G615-12-A-1	1U938
Rigid Plastic Sights				
3 in	125 psi	225 °F	G613-03-A-1	1U939
5 in	125 psi	225 °F	G613-05-A-1	1U940
12 in	125 psi	225 °F	G613-12-A-1	1U943
Needle Valves				
12 in	270 psi	250 °F	G608-12-A-1-4	1U944
18 in	240 psi	250 °F	G608-18-A-1-4	1U946
24 in	210 psi	250 °F	G608-24-A-1-4	1U947
30 in	185 psi	250 °F	G608-30-A-1-4	1U948

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RIGID PLASTIC SIGHTS

Provides wide-angle viewing through tough, break-resistant transparent cylindrical nylon sight. 1/2-20 UNF thread.

NEEDLE VALVES

Gage body may be removed from valves without loss of fluid. Features brass shut-off valves, 1/2" NPTF thread. Borosilicate sight glass with red line on white background.



Pipe Adapter
1U930

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Vented Oil Gages

- Brass construction with Buna N seals

Gages provide quick, visual inspection of fluid levels in gear boxes and bearing housings. Protective gage shield rotates for optimum viewing. Glass sight. Short and long elbow gages may be disassembled on site, elbow alone installed, and gage reassembled. Union coupling gages provide a convenient break point.

Sight Length (in.)	Base Square (in.)	Mounting Thread	Mfr. Model	Item No.
Elbow - Female				
2 1/4 in	1/2 in	1/4 NPTF	G404-2	1U583
3 1/4 in	1/2 in	1/4 NPTF	G406-2	1U584
4 1/4 in	1 in	3/8 NPTF	G421-3	1U595
		1/2 NPTF	G421-4	1U596
Long Elbow				
4 1/4 in	1/2 in	3/8 NPTF	G261-3	1U605
	1/2 in	1/2 NPTF	G261-4	1U606
Union Coupling				
2 3/4 in	1 1/8 in	1/4 NPTF	G655-2	1U608
4 1/4 in	1 1/8 in	1/4 Male NPTF	G657-2	5HD47
Short Elbow with Drain				
4 1/4 in	7/8 in	1/2 NPTF	G901-4	1U614
Vented				
2 3/4 in	1 1/8 in	1/4 NPTF	G305-2	5HD40
	1 1/8 in	1/4 NPTF	G307-2	5HD42
4 1/4 in	1 1/8 in	3/8 NPTF	G307-3	5HD43
	1 1/8 in	1/2 Male NPTF	G321-4	5HD44
7 1/2 in	1 1/8 in	1/2 Male NPTF	G323-4	5HD45



Elbow, Female
1U593



Short Elbow with Drain
1U614

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Flow Sights

- Brass construction with Buna N seals
- Can be used in vertical or horizontal fluid lines to observe fluid flow, condition, or clarity. Borosilicate glass sight window. Female x female PTF. Models with nylon ball indicator aid viewing of dark fluids in dim light conditions.

Note: Not intended for steam applications.

Pipe Thread	Dia. Hex Flats (in.)	Sight Length (in.)	Overall Length (in.)	Max. Operating psi @ 150°F	Mfr. Model	Item No.
Inline Double Window Flow Sights						
1/4-18	7/8 in	1 1/8 in	3 3/4 in	435 psi	F152	1U892
1/2-14	1 1/4 in	1 1/8 in	4 3/4 in	380 psi	F154	1U894
3/4-14	1 3/8 in	1 1/8 in	5 1/4 in	345 psi	F155	1U895
Inline Double Window Flow Sight with Nylon Ball						
1/4-18	7/8 in	1 1/8 in	3 3/4 in	435 psi	F152-01	1U897
1/2-14	1 1/4 in	1 1/8 in	4 3/4 in	380 psi	F154-01	1U899
3/4-14	1 3/8 in	1 1/8 in	5 1/4 in	345 psi	F155-01	1U900
Double Window Flow Sights with Nylon Ball						
1-11 1/2	—	—	4 3/4 in	160 @ 150	F251-06-01	1U910
Wide View Flow Sights with Nylon Ball						
1/2-14	—	—	4 1/4 in	130 @ 212	F301-04-01	1U903
3/4-14	—	—	4 1/4 in	130 @ 212	F301-05-01	1U904
1-11 1/2	—	—	4 1/4 in	130 @ 212	F301-06-01	1U905



Inline Double Window
1U892



Wide View
1U903

LDI Industries

Vents

FILTER VENTS

Relieve excessive pressure from gear-boxes. 40 micron filter element. Steel and zinc construction.



1U568

PROTECTED VENTS

Provide a labyrinth air path to restrict direct entry of dirt and moisture to reservoir or gearbox. Aluminum construction.



1U573

RELIEF/FILLER VENT PLUGS

Dual-purpose relief or filler vent plugs can be used for gearbox housings and bearings to eliminate excessive pressure. Automatic reset for continuous duty. Plated steel and brass construction.

Thread Size (PTF)	Dia. Hex Head (in.)	Overall Length (in.)	Mfr. Model	Item No.
Filter Vents				
1/4	3/4 in	1 3/4 in	FV102-S	1U566
1/2	1 1/8 in	1 1/4 in	FV104-S	1U568
Protected Vents				
1/8	3/4 in	1 1/2 in	AV101	1U569
1/4	3/4 in	1 1/2 in	AV102	1U570
3/8	1 in	1 1/2 in	AV103	1U571
1/2	1 1/4 in	1 1/2 in	AV104	1U572
Relief/Filler Vent Plugs				
1/4-18 PTF	9/16 in	1 1/2 in	PRV102-2	1U573
3/8-18 PTF	1 1/8 in	1 3/4 in	PRV103-2	1U577