

# GN 743.1 Fluid Level Sight Glasses

Aluminum, with ESG Glass, resistant up to 356° F  
(180° C)

Photo



## Product description

### Information

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GN 743.1 Fluid level sight glasses offer the following features:

1. Genuine glass of high stability and scratch proof.
2. Sealing with an O-ring on the periphery and not on the face edge of the glass. Leak tightness is therefore not affected by axial pressures.
3. The seal is housed in a groove and it can therefore not be lost. In addition, this groove prevents the seal from being extruded when the sight glass is tightened. The location of this seal allows also the softer elastomer which guarantees better and easier sealing.

Fluid level sight glasses GN 743.1 can be used on pressurized oil tanks. Tests regarding maximum pressure are available upon request.

Viton seal: maximum heat resistance: 180°C (356°F).

Sight glasses may be ordered without reflectors.

Note: When mounting oil level sight glasses on walls of less than 4mm thickness, use nut GN 543.1.

See our Technical Section for pipe thread size details.

### Specification

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Sight glass body

- Aluminum
  - turned, with with matte shot-blast finish
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Sight glass

- ESG glass
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Reflector

- Heat resistant technopolymer plastic (Polysulfon)
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## Seal

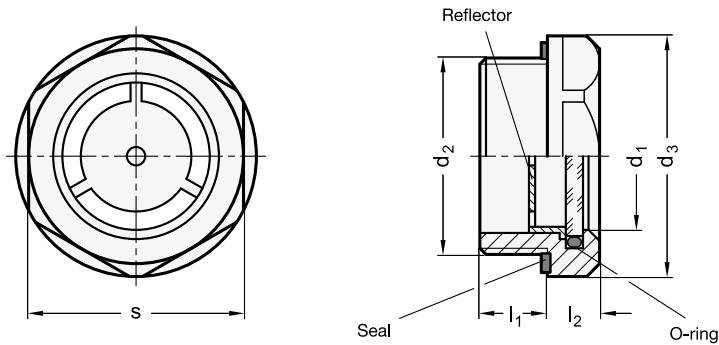
- FPM rubber (Viton®)

## Accessory

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Fixing nuts GN 543.1

## Technical drawing



## Part Options / Table

### Type

A	with contrast screen, blank
B	without contrast screen, blank

### Metric

$d_1$	$d_2$ Pipe Thread	Thread		$d_3$	$l_1$	$l_2$	$s$
.28	G 1/4	<i>M 14 x 1.5</i>	-	.87	.31	.30	.79
.43	G 3/8	<i>M 16 x 1.5</i>	-	.87	.31	.30	.79
.55	G 1/2	<i>M 20 x 1.5</i>	-	1.02	.33	.30	.91
.71	G 3/4	<i>M 26 x 1.5</i>	<i>M 27 x 1.5</i>	1.26	.35	.31	1.18
.94	G 1	<i>M 33 x 1.5</i>	-	1.57	.43	.33	1.42
1.26	G 1 1/4	<i>M 40 x 1.5</i>	<i>M 42 x 1.5</i>	1.97	.47	.35	1.81
1.26	G 1 1/2	-	-	2.36	.51	.35	2.17