



- 3 Type**
- A** With prismatic effect (only  $d_1 = 14 / 18 / 24$  mm)
  - B** Without reflector (all sizes)
  - C** With red marking ring (only  $d_1 = 11 / 14 / 18 / 24$  mm)

**Metric table**

Dimensions in: millimeters - inches

d <sub>1</sub>	d <sub>2</sub>		d <sub>3</sub>	l <sub>1</sub>	l <sub>2</sub>	s
	Pipe thread	Fine thread				
7 0.28	G 1/4	M 12 x 1.5	-	7.5 0.30	6.5 0.26	18 0.71
11 0.43	G 3/8	M 16 x 1.5	-	8 0.31	7.5 0.30	20 0.79
14 0.55	G 1/2	M 20 x 1.5	-	8.5 0.33	7.5 0.30	23 0.91
18 0.71	G 3/4	M 26 x 1.5	M 27 x 1.5	9 0.35	8 0.31	30 1.18
24 0.94	G 1	M 33 x 1.5	-	11 0.43	8.5 0.33	36 1.42

**Specification**

- Body  
Aluminum, fine turned
- Sight glass  
Plastic  
Crystal clear Polyamide PA-T  
Temperature resistant up to 230 °F (110 °C)
- Marking ring  
Pad printing, red
- Seals  
Rubber NBR (Perbunan®)
- *Plastic Characteristics* → page 2135
- **RoHS compliant**

**Accessory**

- Thin hex nuts GN 7430 → page 1714

**On request**

- EPDM seals

**Information**

GN 744 fluid sight glasses in type A use the prismatic effect of a cat's eye to give a clear indication of the fluid level unaffected by fluid color or fluid viscosity. The advantage of this effect is particularly obvious in the case of underfilling or overfilling and for inspection under unfavorable light conditions.

The seal is embedded in a radial recess, and thus cannot be lost or squeezed out during tightening.

These fluid sight glasses can also be used on pressurized tanks. Tests regarding maximum pressure are available.

**Assembly note:**

For wall thicknesses below 4 mm, use GN 7430 thin hex nuts.

**see also...**

- *Fluid Sight Glasses GN 743 / GN 743.1* → page 1640
- *Fluid Sight Glasses EN 541.2 (with Prismatic Effect)* → page 1648
- *Fluid Sight Glasses EN 543.3 / EN 543.4 (with Prismatic Effect)* → [www.jwwinco.com](http://www.jwwinco.com)

<b>How to order</b>	<b>1</b> Diameter d <sub>1</sub>
<b>GN 744-24-G1-A</b>	<b>2</b> Pipe thread d <sub>2</sub> (Fine thread d <sub>2</sub> )
	<b>3</b> Type

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
3.10