



- 3 Type**
- A** with reflector, blank
 - AS** with reflector, black anodized
 - B** without reflector, blank
 - BS** without reflector, black anodized

1

2

d ₁	d ₂			d ₃	l ₁	l ₂	s
7	G 1/4	M 14 x 1,5	-	20	7,5	6,5	18
11	G 3/8	M 16 x 1,5	-	22	8	7,5	20
14	G 1/2	M 20 x 1,5	-	26	8,5	7,5	23
18	G 3/4	M 26 x 1,5	M 27 x 1,5	32	9	8	30
24	G 1	M 33 x 1,5	-	40	11	8,5	36
32	G 1 1/4	M 40 x 1,5	M 42 x 1,5	50	12	9	46
32	G 1 1/2	-	-	60	13	9	55

Specification

- Body
Aluminum
 - Type A and B
fine turned, blank
 - Type AS and BS
fine turned, black anodized
- Reflector
Technopolymer (Polysulfon)
- **GN 743**
 - temperature resistant up to **100 °C**
 - Sight glass Float-glass
 - Seals rubber NBR (Perbunan®)
- **GN 743.1**
 - temperature resistant up to **180 °C**
 - Sight glass ESG-glass
 - Seals rubber FPM (Viton®)
 - Identification by not black finish of the seal
- *Elastomer characteristics* → Page 1483
- *Plastic characteristics* → Page 1483
- **RoHS compliant**

Accessory

- Mounting nuts GN 543.1 → Page 1134

On request

- EPDM seals

Information

Oil level sight glasses GN 743 / GN 743.1 offer genuine glass of high stability and scratch proof. The sealing is achieved 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.

The outside diameter of these oil level sight glasses with recessed hexagon is chosen to match mounting holes for tube connections according to DIN 3852.

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. Oil level sight glasses GN 743 / GN 743.1 can be used on pressurised oil tanks. Tests regarding maximum pressure are available on request.

Assembly instruction:

For mounting on walls of less than 4 mm thickness please use a mounting nut GN 543.1.

see also...

- *Stainless Steel-Oil level sight glasses GN 743.5* → Page 1098
- *ATEX-Sight glasses GN 743.6* → Page 1099
- *Oil level sight glasses with conical thread GN 743.7 / GN 743.8* → Page 1100

How to order (100 °C)	1 d ₁
GN 743-32-M40x1,5-A	2 d ₂
	3 Type

How to order (180 °C)	1 d ₁
GN 743.1-18-G3/4-BS	2 d ₂
	3 Type