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**MATERIAL**

Brass.

**WINDOW**

ESG safety glass.

**STANDARD EXECUTIONS**

- **GN 743.8-A:** with technopolymer (polysulfone) contrast screen.
- **GN 743.8-B:** without contrast screen.

**MAXIMUM CONTINUOUS WORKING TEMPERATURE**

180°C.

**FEATURES AND APPLICATIONS**

GN 743.8 oil level indicators can be used on pressurised oil tanks (oil-proof resistance data available on request). The seal between the brass body and the ESG glass window is guaranteed by a packing ring in FKM type VITON®\*.

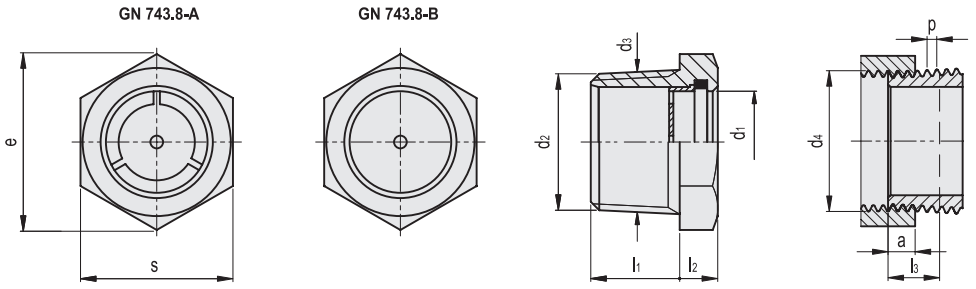
The coupling of the conical threading (d2) with a right female threading (d4) will improve with the more threads that are in contact.

Generally to improve the tightness of this type of level indicators a sealing element like teflon ribbon is used.

\* Registered trademark by DuPont Dow Elastomers.

**SPECIAL EXECUTIONS ON REQUEST**

Indicators with NPT conical threading.



Conversion Table	
1 mm = 0.039 inch	
d1	
mm	inch
11	0.43
14	0.55
18	0.71
24	0.94
32	1.26

**GN 743.8-A**



Code	Description	d1	d2	d3 For a	d4	a*	e	l1	l2	l3**	s	p***	△
GN.37491	GN 743.8-11-R3/8-A	11	R 3/8	16.7	Rp 3/8	6.4	22	13	6	10.1	19	1.34	19
GN.37493	GN 743.8-14-R1/2-A	14	R 1/2	21	Rp 1/2	8.2	27.5	17	7	13.2	24	1.81	33
GN.37495	GN 743.8-18-R3/4-A	18	R 3/4	26.4	Rp 3/4	9.5	31	18	8	14.5	27	1.81	50
GN.37497	GN 743.8-24-R1-A	24	R 1	33.2	Rp 1	10.4	40.5	21	9	16.8	35	2.30	93
GN.37499	GN 743.8-32-R1¼-A	32	R 1¼	42	Rp 1¼	12.7	53	24	9	19.1	44.5	2.30	149

**GN 743.8-B**



Code	Description	d1	d2	d3 For a	d4	a*	e	l1	l2	l3**	s	p***	△
GN.37492	GN 743.8-11-R3/8-B	11	R 3/8	16.7	Rp 3/8	6.4	22	13	6	10.1	19	1.34	19
GN.37494	GN 743.8-14-R1/2-B	14	R 1/2	21	R 1/2	8.2	27.5	17	7	13.2	24	1.81	33
GN.37496	GN 743.8-18-R3/4-B	18	R 3/4	26.4	Rp 3/4	9.5	31	18	8	14.5	27	1.81	50
GN.37498	GN 743.8-24-R1-B	24	R 1	33.2	Rp 1	10.4	40.5	21	9	16.8	35	2.30	93
GN.37500	GN 743.8-32-R1¼-B	32	R 1¼	42	Rp 1¼	12.7	53	24	9	19.1	44.5	2.30	149

\* datum plane

\*\* usable thread length

\*\*\* thread pitch