PRESSURE COMPENSATION DEVICE (STAINLESS STEEL/ALUMINIUM)

DA 284 | IP66 / IP67

Photo: M40 in stainless steel

Photo: M12 in aluminium

- > High degree of protection
- > Waterproof membrane
- > Corrosion resistant
- > Food safe

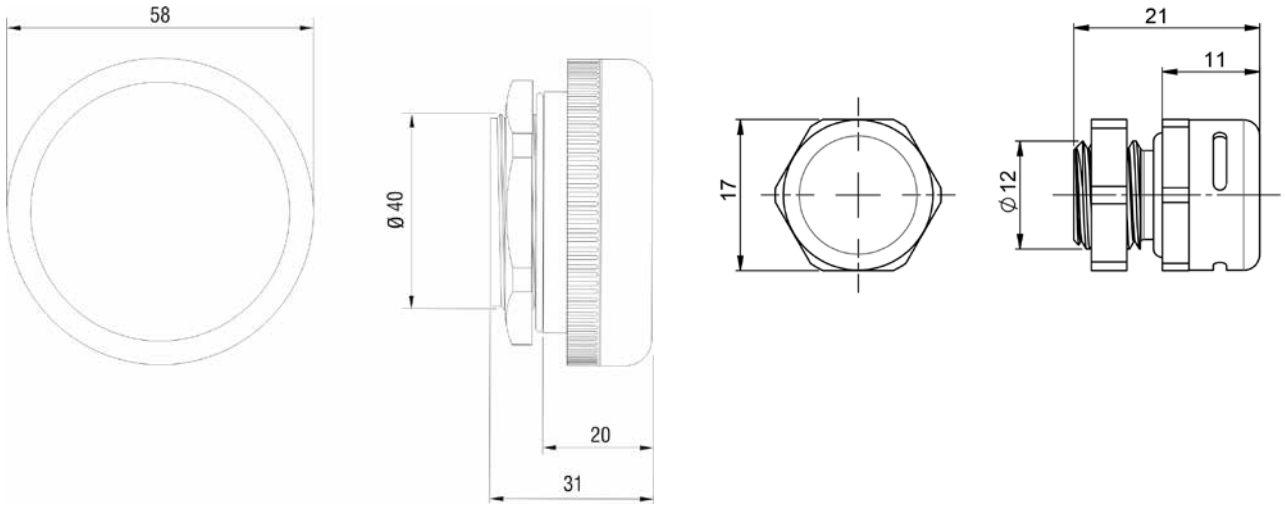
Pressure differentials in enclosures with a high degree of protection are a result of internal and external temperature changes. In the case of negative pressure or partical vacuum, dust and humidity can enter the enclosure through the door seal. When the air inside the enclosure cools down, condensation may occur because the humidity cannot escape the enclosure. The easy-to-install pressure compensation device DA 284 provides compensation of pressure at a protection degree of IP66/IP67. Even with a slight overpressure, a waterproof membrane inside the plug allows the humidity to escape whilst blocking water and dirt from entering the enclosure.

EAC

TECHNICAL DATA

Torque	5 Nm
Depth in enclosure	approx. 9 mm
Sealing	sealing gasket NBR
Filter	waterproof membrane
Dimensions	M40: Ø 58 x 31 mm, M12: Ø 17 x 21 mm
Fitting position	variable
Operating/Storage temperature	-35 to +80 °C (-31 to +176 °F)
Approvals	EAC
Note	Material adheres to limit values in accordance with RoHS3

Installation: Make cut-out Ø 40.5$^{+0,5}$ mm for size M40/ Ø 12+ 0,2 mm for size M12 in enclosure wall and mount pressure compensation device with nut. Please make sure that the sealing gasket is put in place on the outer side panel of the enclosure.



Art. No.	Thread	Material	Protection type	Air permeability	1 packaging unit	Weight (approx.)
28401.0-00	M40 x 1,5	V2A (DIN 1.4305 / AISI 303)[1]	IP66 (EN 60529) / IPX9K (EN 40050-9)	1.200 l/h	1 piece	0,2 kg
28401.0-02	M40 x 1,5	V4A (DIN 1.4404 / AISI 316L)	IP66 (EN 60529) / IPX9K (EN 40050-9)	1.200 l/h	1 piece	0,2 kg
28404.0-00	M12 x 1,5	Nickel-plated aluminum[2]	IP67	220 l/h	1 piece	0,009 kg

[1] V2A is not sea waterproof
[2] Corrosion test according to ISO 9227:2017