PRESSURE COMPENSATION DEVICE

DA 284 | IP66 / IP68





Photo: DA 284, M40



Photo: DA 284, M12

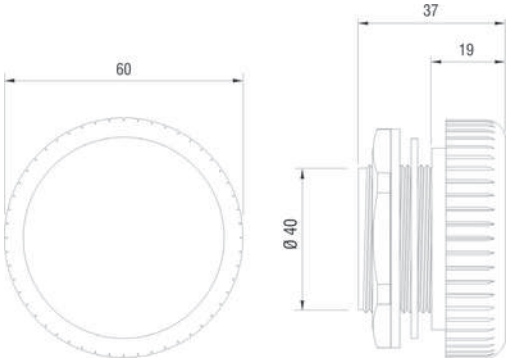
> High degree of protection
> Waterproof membrane
> Easy to install

In enclosures and housings with a high protection class, differential pressure happens due to internal and external temperature changes. In the event of negative pressure, dust and humidity can be drawn into the enclosure through the seals on the doors. This can cause condensation when the air in the enclosure cool down. The easy-to-fit DA 284 pressure compensation device enables pressure compensation with protection class IP66 (M12: IP66/IP68). Additionally, the watertight membrane inside the pressure compensation device allows humidity to escape from the cabinet at overpressure, while preventing water, humidity or dirt intrusion at under pressure.

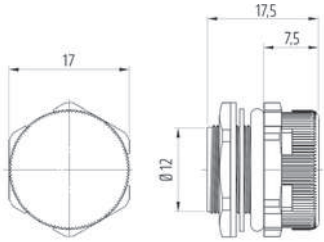
TECHNICAL DATA

Mounting	thread M40 x 1.5 or M12 x 1.5 with nut
Torque	M40: 5 Nm, M12: 0.5 Nm
Depth in enclosure	M40: approx. 16mm, M12: approx. 8 mm
Sealing	sealing gasket NBR
Filter	waterproof membrane
Dimensions	M40: Ø 60 x 37 mm, M12: Ø 17 x 17.5 mm
Fitting position	variable
Note	Material adheres to limit values in accordance with RoHS3

Installation: Make cut-out Ø $40.5^{+0.5}$ mm in enclosure wall for size M40 or Ø $12^{+0.2}$ mm for size M12, 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.



DA 284, M40



DA 284, M12 (drawing is not proportional to M40)

Art. No.	Thread	Material	Protection type	Air permeability[1]	Operating/Storage temperature	1 packing unit	Weight (approx.)	Approvals	
28400.0-00	M40 x 1.5	plastic, light grey	IP66 (EN 60529) / IPX9K (EN 40050-9)	1,200 l/h	-35 to +70 °C (-31 to +158 °F)	2 pieces	90 g (45 g / piece)	-	EAC
28400.0-01	M40 x 1.5	plastic, light grey	IP66 (EN 60529) / IPX9K (EN 40050-9)	1,200 l/h	-35 to +70 °C (-31 to +158 °F)	1 piece	45 g	-	EAC
28400.0-04	M40 x 1,5	plastic, light grey	IP66 (EN 60529) / IPX9K (EN 40050-9)	1,200 l/h	-35 bis +70 °C (-31 bis +158 °F)	100 pieces	4.5 kg (45 g / piece)	-	EAC
28405.0-00	M40 x 1.5	plastic according to UL94 V-0, light grey; weather proof and UV light resistant according to UL746C (f1)	IP66 (EN 60529) / IPX9K (EN 40050-9)	1,200 l/h	-35 to +70 °C (-31 to +158 °F)	2 pieces	120 g (60 g / piece)	UL File No. E234324	EAC
28406.0-00	M12 x 1.5	plastic according to UL94 V-0, light grey; weather proof and UV light resistant according to UL746C (f1)	IP66/IP68 (EN 60529) / IPX9K (EN 40050-9)	120 l/h	-35 to +70 °C (-31 to +158 °F)	2 pieces	4 g (2 g / piece)	UL File No. E234324	EAC

[1] at a pressure difference of min. 70 mbar

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24.02.2022 | Specifications are subject to change without notice. Errors and omissions excepted. Suitability of this product for its intended use and any associated risks must be determined by the end customer/buyer in its final application.