

# Technical data sheet

## Pressure balance plug 109

Art.-Nr. 2034680



The pressure compensation element, type 109 M20 LGR compensates pressure differences in junction boxes, small distributes and connection sockets with a M20 opening and avoids the formation of condensation water in sealed housings. The polyamide pressure compensation element has an IP68/IP69 protection rating. This remains intact, even after the installation of the pressure compensation element. The pressure compensation element is suitable for use in industrial environments and in exterior areas.

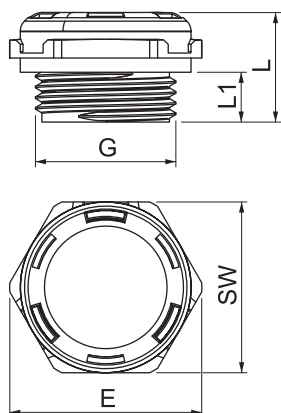


Product additional text for information	The pressure compensation element is easy to mount, requires little maintenance and is a simple option for avoiding condensation water formation in housings.
Product additional text 1	The pressure compensation element is surrounded by an ePTFE membrane, which is permeable in both directions to air. The air throughput at a pressure difference of 70 mbar is 110 L/h. At the same time, moisture cannot enter the housing from outside.
Product text, standards	The pressure compensation element has been tested according to the VDE standard "VDE 0100-520".

### Master data

Item No.	2034680
Type	109 M20 LGR
Description 1	Pressure balance plug
Dimension	M20x1,5
Colour	Light grey
RAL number	7.035,00
Smallest sales unit	1,00 pcs
Weight	0,54 kg/100 pcs.

### Technical specifications



Height	15,40 mm
Dimension E	27,00 mm
Dimension L	9,00 mm
explosion-proof	<input checked="" type="checkbox"/>
Thread	M20x1,5
Thread type	Metric
Nominal thread size metric/PG	20,00
Thread increase	1,50 mm
Glass-fibre reinforced	<input checked="" type="checkbox"/>
Air permeation at 70 mbar	110,00 l/h
Impact resistant	<input checked="" type="checkbox"/>
Protection rating	IP68
SW	24,00 mm
max. permitted ambient temperature	-40,00 - 100,00 °C