Ventilation Glands
Polyamide

Cable glands with integrated ventilation

- Balances pressure differences between inner housing and the outside environment.
- Prevents damages according to pressure differences.
- Prevents the formation of water condensation in tightly-sealed standard housings.
- Advantages of cable gland and pressure balance element combined in one product.
- Properties of the ventilation membrane stay the same independent of cable diameter and torque.
- Membrane properties: hydrophobic, oleophobic.
- Easy assembly: install cable gland - insert cable - tighten cap.
- High quality strain relief and sealing, reliable performance for standard industrial applications.
- Up-to-date international approvals.

Technical Details

Material	**Body**	PA 6 (Polyamide 6)	
	Cap	PA 6 (Polyamide 6)	
	Seal	CR (Chloroprene Rubber)	
	Vent Membran	PTFE	
	O-Ring	NBR	
Protection Class		IP 66 - IP 67	
Flammability		V2 according to UL94	
Operating Temperature		**Permanent**	**Intermittent**
		-20 °C to +100 °C	-30 °C to +150 °C
Cable Type		Non armoured	
Accessories		• Lock nuts • Dome plugs • Gaskets	
Thread Type		• Metric EN 64423 • Pg DIN 40430 • Other thread types also available upon request.	
Remarks		• Manufactured according to DIN EN 62444/50262. • We recommend the use of lock nuts and gaskets to ensure IP rating for rough surfaces or through holes. • Some approvals do not cover all colours or sizes. **Note**: Applications of most cable glands don't require same parameters applied to tests. For applications strictly acc. to the approval definitions please consult data sheet.	

Approvals

	Certificate Number	Standards
VDE	40040032	acc. to DIN EN 62444
UL	E199260	acc. to UL514

Some approvals do not cover all sizes or colors. For more approvals: see our webpage.

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Thread Type **METRIC** acc. to EN 60423

Size	Clamping Range Ø min-max mm	Thread Length TL mm	Thread Ø TD mm	Spanner Width SW Cap mm	Spanner Width SW Body mm	Outer Ø D mm	max. Height H mm	Average Air Flow for ΔP = 70 mbar l/h	Water Intrusion Pressure bar	Part Number RAL 7035 light grey	Part Number RAL 7001 grey	Part Number RAL 9005 black	Packing Unit
M12x1,5	4,0 - 8,0	8,0	12,0	19	19	21,9	25,5	25	0,1	**BMVG-1S**	**BMVG-0S**	**BMVG-2S**	100
M16x1,5	4,0 - 8,0	10,0	16,0	19	19	21,9	25,5	25	0,1	**BMVG-11**	**BMVG-01**	**BMVG-21**	50
M20x1,5	6,0 - 12,0	10,0	20,0	24	24	27,7	30,0	40	0,1	**BMVG-12**	**BMVG-02**	**BMVG-22**	50

Thread Type **PG** acc. to DIN 40430

Size	Clamping Range Ø min-max mm	Thread Length TL mm	Thread Ø TD mm	Spanner Width SW Cap mm	Spanner Width SW Body mm	Outer Ø D mm	max. Height H mm	Average Air Flow for ΔP = 70 mbar l/h	Water Intrusion Pressure bar	Part Number RAL 7035 light grey	Part Number RAL 7001 grey	Part Number RAL 9005 black	Packing Unit
PG 9	4,0 - 8,0	8,0	15,2	19	19	21,9	25,5	25	0,1	**BSVG-12**	**BSVG-02**	**BSVG-22**	50
PG 11	4,0 - 8,0	8,0	18,6	22	19	24,9	25,0	25	0,1	**BSVG-13**	**BSVG-03**	**BSVG-23**	50
PG 13,5	6,0 - 12,0	10,0	20,4	24	24	27,7	30,0	40	0,1	**BSVG-14**	**BSVG-04**	**BSVG-24**	50