



TECHNICAL DATA

PA cable gland

Temperature range	-40°C to +100°C
Protection class	IP 68 - 10 bar / IP 69K - within the specific clamping range with additional o-ring

■ STRUCTURE

- Material: Polyamide (PA) 6, V0 acc. to UL 94
- Seal: Nitrile butadiene rubber (NBR)
- with long threaded connection

■ PROPERTIES

- halogen-free
- phosphor-free
- silicone-free
- cadmium-free
- optimum strain relief through clamping lamella
- easy to assemble, time and cost savings
- watertight, dust-tight
- large clamping areas

■ TESTS

- Test standard EN 62444

■ APPLICATION

- Machine and plant construction
- Robotics
- Automation technology
- Vehicle construction and shipbuilding
- Railway technology
- Installation technology
- Control cabinet construction

■ NOTES

- For the intrinsically safe area, type "i" cable glands in blue, RAL 5012, are used.
- Legend:
Dimensions
TD - Thread Diameter
TL - Thread Length
SZ - Spanner Size

metric thread

Size	Cable Ø from / to mm	Thread length mm	Spanner size mm	Packaging unit (in pc.)	grey (RAL 7035)	black (RAL 9005)
					Part no.	Part no.
M12 x 1.5	3.0 - 6.5	15.0	15	50	91690	91700
M16 x 1.5	4.0 - 8.0	15.0	19	50	91691	91701
M16 x 1.5	5.0 - 10.0	15.0	22	50	99841	99849
M20 x 1.5	6.0 - 12.0	15.0	24	50	99842	99850
M20 x 1.5	10.0 - 14.0	15.0	27	50	99843	99851
M25 x 1.5	13.0 - 18.0	15.0	33	50	99844	99852
M32 x 1.5	18.0 - 25.0	15.0	42	25	99845	99853
M40 x 1.5	22.0 - 32.0	18.0	53	10	99846	99854
M50 x 1.5	32.0 - 38.0	18.0	60	5	99847	99855
M63 x 1.5	37.0 - 44.0	18.0	65 / 68	5	99848	99856

metric thread - with reducing seal

Size	Cable Ø from / to mm	Thread length mm	Spanner size mm	Packaging unit (in pc.)	grey (RAL 7035)	black (RAL 9005)
					Part no.	Part no.
M20 x 1.5	5.0 - 9.0	15.0	24	50	91692	91702
M25 x 1.5	9.0 - 16.0	15.0	33	50	91693	91703
M32 x 1.5	13.0 - 20.0	15.0	42	25	91694	91704
M40 x 1.5	20.0 - 26.0	18.0	53	10	91695	91705
M50 x 1.5	25.0 - 31.0	18.0	60	5	91696	91706
M63 x 1.5	29.0 - 35.0	18.0	65 / 68	5	91697	91707

metric thread - for intrinsically safe application

Size	Cable Ø from / to mm	Thread length mm	Spanner size mm	Packaging unit (in pc.)	blue (RAL 5012)
					Part no.
M12 x 1.5	3.0 - 6.5	15.0	15	50	91710
M16 x 1.5	4.0 - 8.0	15.0	19	50	91711
M16 x 1.5	5.0 - 10.0	15.0	22	50	99857
M20 x 1.5	6.0 - 12.0	15.0	24	50	99858
M20 x 1.5	10.0 - 14.0	15.0	27	50	99859
M25 x 1.5	13.0 - 18.0	15.0	33	50	99860
M32 x 1.5	18.0 - 25.0	15.0	42	25	99861
M40 x 1.5	22.0 - 32.0	18.0	53	10	99862
M50 x 1.5	32.0 - 38.0	18.0	60	5	99863
M63 x 1.5	37.0 - 44.0	18.0	65 / 68	5	99864

metric thread - with reducing seal - for intrinsically safe application

Size	Cable Ø from / to mm	Thread length mm	Spanner size mm	Packaging unit (in pc.)	blue (RAL 5012)
					Part no.
M20 x 1.5	5.0 - 9.0	15.0	24	50	91712
M25 x 1.5	9.0 - 16.0	15.0	33	50	91713
M32 x 1.5	13.0 - 20.0	15.0	42	25	91714
M40 x 1.5	20.0 - 26.0	18.0	53	10	91715
M50 x 1.5	25.0 - 31.0	18.0	60	5	91716
M63 x 1.5	29.0 - 35.0	18.0	65 / 68	5	91717

PG thread

Size	Cable Ø from / to mm	Thread length mm	Spanner size mm	Packaging unit (in pc.)	grey (RAL 7035)	black (RAL 9005)
					Part no.	Part no.
PG 7	3.0 - 6.5	15.0	15	50	90040	97418
PG 9	4.0 - 8.0	15.0	19	50	90041	97419
PG 11	5.0 - 10.0	15.0	22	50	90042	96405
PG 13.5	6.0 - 12.0	15.0	24	50	90043	96404
PG 16	10.0 - 14.0	15.0	27	50	90044	96003
PG 21	13.0 - 18.0	15.0	33	50	90045	97767
PG 29	18.0 - 25.0	15.0	42	25	90046	96004
PG 36	22.0 - 32.0	18.0	53	10	90047	96253
PG 42	32.0 - 38.0	18.0	60	5	90048	96254
PG 48	37.0 - 44.0	18.0	65	5	90049	96256

PG thread - for intrinsically safe application

Size	Cable Ø from / to mm	Thread length mm	Spanner size mm	Packaging unit (in pc.)	blue (RAL 5012) Part no.
PG 7	3.0 - 6.5	15.0	15	50	91680
PG 9	4.0 - 8.0	15.0	19	50	91681
PG 11	5.0 - 10.0	15.0	22	50	91682
PG 13.5	6.0 - 12.0	15.0	24	50	91683
PG 16	10.0 - 14.0	15.0	27	50	91684
PG 21	13.0 - 18.0	15.0	33	50	91685
PG 29	18.0 - 25.0	15.0	42	25	91686
PG 36	22.0 - 32.0	18.0	53	10	91687
PG 42	32.0 - 38.0	18.0	60	5	91688
PG 48	37.0 - 44.0	18.0	65	5	91689