



TECHNICAL DATA

Cable gland for high performance applications.

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)
- Seal: Nitrile butadiene rubber (NBR)

■ 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	8.0	15	50	97558	97550
M16 x 1.5	4.0 - 8.0	8.0	19	50	96967	97551
M16 x 1.5	5.0 - 10.0	8.0	22	50	97956	97960
M20 x 1.5	6.0 - 12.0	9.0	24	50	96968	97552
M20 x 1.5	10.0 - 14.0	9.0	27	50	97957	97961
M25 x 1.5	13.0 - 18.0	11.0	33	50	96969	97553
M32 x 1.5	18.0 - 25.0	11.0	42	25	96970	97554
M40 x 1.5	22.0 - 32.0	13.0	53	10	96971	97555
M50 x 1.5	32.0 - 38.0	13.0	60	5	96972	97556
M63 x 1.5	37.0 - 44.0	14.0	65 / 68	5	96973	97557

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.
M12 x 1.5	2.0 - 5.0	8.0	15	50	97873	98205
M16 x 1.5	2.0 - 6.0	8.0	19	50	96974	97977
M20 x 1.5	5.0 - 9.0	9.0	24	50	96975	97979
M25 x 1.5	9.0 - 16.0	11.0	33	50	96976	97981
M32 x 1.5	13.0 - 20.0	11.0	42	25	96977	97982
M40 x 1.5	20.0 - 26.0	13.0	53	10	96978	97983
M50 x 1.5	25.0 - 31.0	13.0	60	5	96979	97984
M63 x 1.5	29.0 - 35.0	14.0	65 / 68	5	96980	97985

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	8.0	15	50	97967
M16 x 1.5	4.0 - 8.0	8.0	19	50	97968
M16 x 1.5	5.0 - 10.0	8.0	22	50	97969
M20 x 1.5	6.0 - 12.0	9.0	24	50	97970
M20 x 1.5	10.0 - 14.0	9.0	27	50	97971
M25 x 1.5	13.0 - 18.0	11.0	33	50	97972
M32 x 1.5	18.0 - 25.0	11.0	42	25	97973
M40 x 1.5	22.0 - 32.0	13.0	53	10	97974
M50 x 1.5	32.0 - 38.0	13.0	60	5	97975
M63 x 1.5	37.0 - 44.0	14.0	65 / 68	5	97976

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.
M12 x 1.5	2.0 - 5.0	8.0	15	50	91826
M16 x 1.5	2.0 - 6.0	8.0	19	50	91827
M20 x 1.5	5.0 - 9.0	9.0	24	50	91828
M25 x 1.5	9.0 - 16.0	11.0	33	50	91829
M32 x 1.5	13.0 - 20.0	11.0	42	25	91830
M40 x 1.5	20.0 - 26.0	13.0	53	10	91831
M50 x 1.5	25.0 - 31.0	13.0	60	5	91832
M63 x 1.5	29.0 - 35.0	14.0	65 / 68	5	91833

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	8.0	15	50	90000	90020
PG 9	4.0 - 8.0	8.0	19	50	90001	90021
PG 11	5.0 - 10.0	8.0	22	50	90002	90022
PG 13.5	6.0 - 12.0	9.0	24	50	90003	90023
PG 16	10.0 - 14.0	10.0	27	50	90004	90024
PG 21	13.0 - 18.0	11.0	33	50	90005	90025
PG 29	18.0 - 25.0	11.0	42	25	90006	90026
PG 36	22.0 - 32.0	13.0	53	10	90007	90027
PG 42	32.0 - 38.0	13.0	60	5	90008	90028
PG 48	37.0 - 44.0	14.0	65	5	90009	90029

PG 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.
PG 7	2.0 - 5.0	8.0	15	50	90010	98290
PG 9	2.0 - 6.0	8.0	19	50	90011	96883
PG 11	3.0 - 7.0	8.0	22	50	90012	96104
PG 13.5	5.0 - 9.0	9.0	24	50	90013	96544
PG 16	7.0 - 12.0	10.0	27	50	90014	96105
PG 21	9.0 - 16.0	11.0	33	50	90015	97306
PG 29	13.0 - 20.0	11.0	42	25	90016	96403
PG 36	20.0 - 26.0	13.0	53	10	90017	98202
PG 42	25.0 - 31.0	13.0	60	5	90018	98203
PG 48	29.0 - 35.0	14.0	65	5	90019	98204

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	8.0	15	50	96106
PG 9	4.0 - 8.0	8.0	19	50	96107
PG 11	5.0 - 10.0	8.0	22	50	96108
PG 13.5	6.0 - 12.0	9.0	24	50	96456
PG 16	10.0 - 14.0	10.0	27	50	96455
PG 21	13.0 - 18.0	11.0	33	50	96912
PG 29	18.0 - 25.0	11.0	42	25	97802
PG 36	22.0 - 32.0	13.0	53	10	97803
PG 42	32.0 - 38.0	13.0	60	5	97965
PG 48	37.0 - 44.0	14.0	65	5	97966

PG 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.
PG 7	2.0 - 5.0	8.0	15	50	91816
PG 9	2.0 - 6.0	8.0	19	50	91817
PG 11	3.0 - 7.0	8.0	22	50	91818
PG 13.5	5.0 - 9.0	9.0	24	50	91819
PG 16	7.0 - 12.0	10.0	27	50	91820
PG 21	9.0 - 16.0	11.0	33	50	91821
PG 29	13.0 - 20.0	11.0	42	25	91822
PG 36	20.0 - 26.0	13.0	53	10	91823
PG 42	25.0 - 31.0	13.0	60	5	91824
PG 48	29.0 - 35.0	14.0	65	5	91825

NPT 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.
NPT 3/8"	4.0 - 8.0	15.0	19 / 22	50	91630	91637
NPT 1/2"	6.0 - 12.0	13.0	24	50	91631	91638
NPT 1/2"	10.0 - 14.0	13.0	27	50	91632	91639
NPT 3/4"	13.0 - 18.0	14.0	33	50	91633	91640
NPT 1"	18.0 - 25.0	19.0	42	25	91634	91641

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.
NPT 1 1/4"	18.0 - 25.0	16.0	42 / 46	10	91635	91642
NPT 1 1/2"	22.0 - 32.0	20.0	53	5	91636	91643

NPT 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.
NPT 3/8"	2.0 - 6.0	15.0	19 / 22	50	92610	92620
NPT 1/2"	5.0 - 9.0	13.0	24	50	92611	92621
NPT 1/2"	7.0 - 12.0	13.0	27	50	92612	92622
NPT 3/4"	9.0 - 16.0	14.0	33	50	92613	92623
NPT 1"	13.0 - 20.0	19.0	42	25	92614	92624
NPT 1 1/4"	13.0 - 20.0	16.0	42 / 46	10	92615	92625
NPT 1 1/2"	20.0 - 26.0	20.0	53	5	92616	92626

NPT 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.
NPT 3/8"	4.0 - 8.0	15.0	19 / 22	50	91644
NPT 1/2"	6.0 - 12.0	13.0	24	50	91645
NPT 1/2"	10.0 - 14.0	13.0	27	50	91646
NPT 3/4"	13.0 - 18.0	14.0	33	50	91647
NPT 1"	18.0 - 25.0	19.0	42	25	91648
NPT 1 1/4"	18.0 - 25.0	16.0	42 / 46	10	91649
NPT 1 1/2"	22.0 - 32.0	20.0	53	5	91650

NPT 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.
NPT 3/8"	2.0 - 6.0	15.0	19 / 22	50	92630
NPT 1/2"	5.0 - 9.0	13.0	24	50	92631
NPT 1/2"	7.0 - 12.0	13.0	27	50	92632
NPT 3/4"	9.0 - 16.0	14.0	33	50	92633
NPT 1"	13.0 - 20.0	19.0	42	25	92634
NPT 1 1/4"	13.0 - 20.0	16.0	42 / 46	10	92635
NPT 1 1/2"	20.0 - 26.0	20.0	53	5	92636