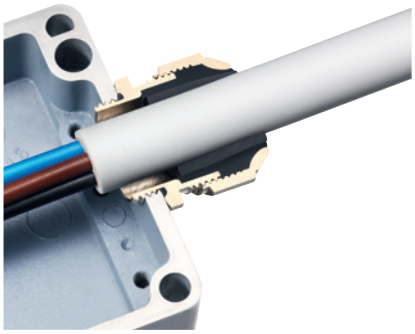
Metallic cable glands

"UL/CSA Listed"

Use

Our high performing metallic cable glands provide a reliable seal with a guaranteed IP 68 (10 bar) and IP 69K protection classes. They are produced with a particular geometry that assures an equal cable compression having a large clamping and sealing areas designed for a secure and flexible everyday use. The elastic sealing rings have a good chemical resistance and their large hexagonal element of the screw-down nuts ensures consistently reliable and secure hold when turning by hand and tightening with the tool.

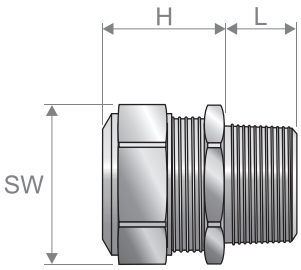


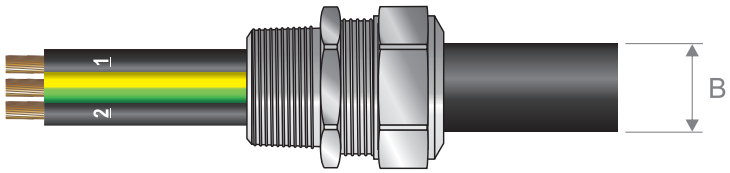
Technical data

Characteristics	Value/property
Material	Nickel-plated brass
Sealing ring material	TPE, one-piece or two-piece.
Compatible cables	Non-armoured cables
Temperature range	-40°C, +100°C
Protection class	IP 68 (10 bar) IP 69K
Standards of construction	UL 514B (ccn QCRV, QCRV2, QCRV7, QCRV8) CSA C22.2 N. 18.3
Standards of use	NFPA 70 (NEC), NFPA 79, UL 508a CSA C22.1 (CE Code), CSA C22.2 N.301, CSA C22.2 N.286 UL 514B, CSA C22.2 N.18.3

Coding and dimensions

Straight cable gland





B = *Overall cable diameter*

Code	Thread	Number of pieces of sealing ring	Tightening key SW [mm]	Cable diameter B Min/Max [mm]	Sizes [mm]		Packaging [pcs]
					H	L	
PCM200_N012X010 (2)	NPT 1/8"	1	13	3,0÷4,0	15	8	50
PCM200_N012X020 (2)	NPT 1/8"	1	13	4,0÷6,0	15	8	50
PCM200_N025X010 (2)	NPT 1/4"	1	15	3,5÷5,0	17	12	50
PCM200_N025X020 (2)	NPT 1/4"	1	15	5,0÷6,5	17	12	50
PCM200_N025X030 (2)	NPT 1/4"	1	15	6,5÷8,0	17	12	50
PCM200_N037X010 (2)	NPT 3/8"	1	18	3,5÷4,5	20	12	50
PCM200_N037X020 (2)	NPT 3/8"	1	18	4,5÷6,0	20	12	50
PCM200_N037X030 (2)	NPT 3/8"	1	18	6,0÷8,0	20	12	50

Code	Thread	Number of pieces of sealing ring	Tightening key SW [mm]	Cable diameter Min/Max [mm]	Sizes [mm]		Packaging [pcs]
					H	L	
PCM202_N037X010 (2)	NPT 3/8"	2	18	6,0÷10,5	22	12	50
PCM200_N037X040 (2)	NPT 3/8"	1	18	8,0÷10,5	22	12	50
PCM200_N050X010 (1)	NPT 1/2"	1	24	6,0÷8,0	21	15	50
PCM200_N050X020 (1)	NPT 1/2"	1	24	8,0÷11,0	21	15	50
PCM202_N050X010 (1) (2)	NPT 1/2"	2	24	8,0÷15,0	23	15	50
PCM200_N050X030 (1)	NPT 1/2"	1	24	11,0÷15,0	23	15	50
PCM200_N075X010 (1)	NPT 3/4"	1	30	9,5÷12,5	28	15	25
PCM200_N075X020 (1)	NPT 3/4"	1	30	12,5÷16,0	28	15	25
PCM202_N075X010 (1)	NPT 3/4"	2	30	12,5÷20,5	28	15	25
PCM200_N075X030 (1)	NPT 3/4"	1	30	16,0÷20,5	28	15	25
PCM200_N100X010 (1)	NPT 1"	1	36	14,0÷17,0	28	20	25
PCM200_N100X020 (1)	NPT 1"	1	36	17,0÷21,0	28	20	25
PCM202_N100X010 (1)	NPT 1"	2	36	17,0÷25,5	28	20	25
PCM200_N100X030 (1)	NPT 1"	1	36	21,0÷25,5	28	20	25
PCM200_N125X010 (1)	NPT 1 1/4"	1	46	20,0÷24,0	31	20	10
PCM200_N125X020 (1)	NPT 1 1/4"	1	46	24,0÷28,5	31	20	10
PCM202_N125X010 (1)	NPT 1 1/4"	2	46	24,0÷33,0	31	20	10
PCM200_N125X030 (1)	NPT 1 1/4"	1	46	28,5÷33,0	31	20	10
PCM200_N150X010 (1)	NPT 1 1/2"	1	55	29,0÷33,0	34	22	10
PCM200_N150X020 (1)	NPT 1 1/2"	1	55	33,0÷37,0	34	22	10
PCM202_N150X010 (1)	NPT 1 1/2"	2	55	33,0÷41,0	34	22	10
PCM200_N150X030 (1)	NPT 1 1/2"	1	55	37,0÷41,0	34	22	10
PCM200_N200X010 (1)	NPT 2"	1	70	35,0÷40,0	37	22	5
PCM200_N200X020 (1)	NPT 2"	1	70	40,0÷46,0	37	22	5
PCM202_N200X010 (1)	NPT 2"	2	70	40,0÷52,0	37	22	5
PCM200_N200X030 (1)	NPT 2"	1	70	46,0÷52,0	37	22	5

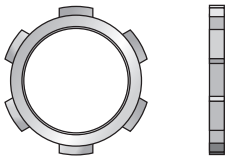
(1) c(UL)us Listed certified (ccn QCRV, QCRV)
(2) c(UR)us Recognized certified (ccn QCRV2, QCRV8)

Sealing gasket with back plate

Code	Material	Version	Thread	Packaging [pcs]
TB5262	AZC	NPT	1/2"	50
TB5263	AZC	NPT	3/4"	25
TB5264	AZC	NPT	1"	25
TB5265	AZC	NPT	1"1/4	5
TB5266	AZC	NPT	1"1/2	5
TB5267	AZC	NPT	2"	5
TB5268	AZC	NPT	2"1/2	1

Materials' description: AZC=Zinc plated steel

Lock nut



Code	Material	Version	Thread	Packaging [pcs]
TB140	AGC	NPT	3/8”	100
TB141	AGC	NPT	1/2”	100
TB142	AGC	NPT	3/4”	100
TB143	AGC	NPT	1”	50
TB144	AGC	NPT	1”1/4	50
TB145	AGC	NPT	1”1/2	50
TB146	AGC	NPT	2”	25
TB147	AGC	NPT	2”1/2	15

Materials’ description: AGC = Chrome plated galvanized steel

Code composition

PC	□□□□	_	□	□□□	X	□□□

Diameter range
Code depending on the cable range.

Family
Code depending on the glands’ family.

Version	To be interted
NPT	N

Thread	To be interted
NPT 3/8”, 1/2", …, 1”	037, 050, …, 100