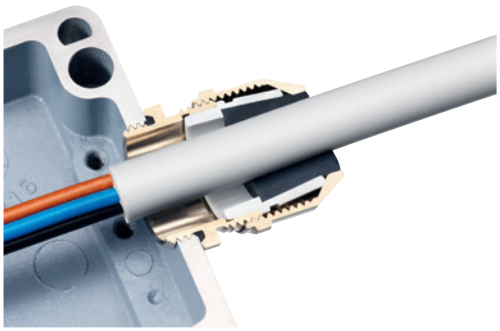
Metallic cable glands

Use

Our metallic cable glands 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. These cable glands, supplied with the o-ring on th-read side, are produced with a short or long thread for secure fastening with thread or counter nut. The elastic sealing rings have a good chemical resistance and they provide a reliable seal with a guaranteed IP 68 protection class. The large hexagonal element of the screw-down nuts ensures consistently reliable and secure hold when turning by hand and tightening with the tool.

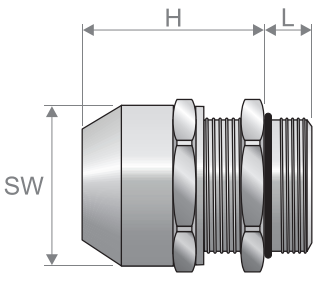


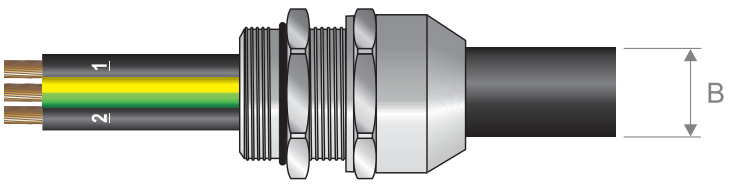
Technical data

Characteristics	Value/property
Material	Nickel-plated brass
Sealing ring material	TPE, one-piece.
O-ring material	NBR
Compatible cables	Non-armoured cables
Temperature range	-40°C, +100°C
Protection class	IP 68
Standards of construction	UL 514B (ccn QCRV2, QCRV8) CSA C22.2 N. 18.3
Standards of use	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





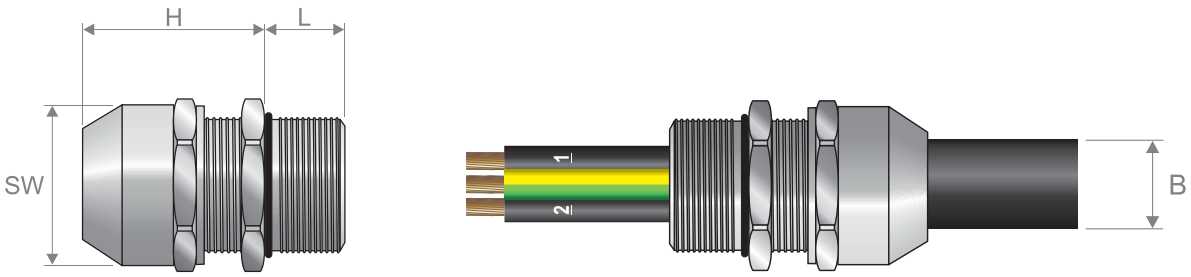
B = *Overall cable diameter*

Code	Thread	Tightening key SW [mm]	Cable diameter B Min/Max [mm]	Sizes [mm] H	Sizes [mm] L	Packaging [pcs]
PCM100_M012X010 (1)	M12x1,5	15	1,0÷5,0	17,0	5,0	50
PCM100_M012X020 (1)	M12x1,5	15	3,0÷7,0	17,0	5,0	50
PCM100_M016X010 (1)	M16x1,5	18	2,0÷6,0	20,0	5,0	50
PCM100_M016X020 (1)	M16x1,5	18	4,5÷10,0	20,0	5,0	50
PCM100_M020X010 (1)	M20x1,5	22	3,5÷8,0	25,0	6,0	50
PCM100_M020X020 (1)	M20x1,5	22	7,0÷13,0	25,0	6,0	50
PCM100_M025X010 (1)	M25x1,5	28	5,0÷11,0	31,0	7,0	25

Code	Thread	Tightening key SW [mm]	Cable diameter Min/Max [mm]	Sizes [mm]		Packaging [pcs]
				H	L	
PCM100_M025X020 (1)	M25x1,5	28	10,0÷17,0	31,0	7,0	25
PCM100_M032X010 (1)	M32x1,5	36	7,0÷15,0	33,0	8,0	25
PCM100_M032X020 (1)	M32x1,5	36	13,0÷21,0	33,0	8,0	25
PCM100_M040X010 (1)	M40x1,5	46	15,0÷23,0	40,0	8,0	10
PCM100_M040X020 (1)	M40x1,5	46	19,0÷28,0	40,0	8,0	10
PCM100_M050X010 (1)	M50x1,5	55	20,0÷29,0	40,0	9,0	5
PCM100_M050X020 (1)	M50x1,5	55	25,0÷35,0	40,0	9,0	5
PCM100_M063X010 (1)	M63x1,5	70	28,0÷39,0	43,0	10,0	5
PCM100_M063X020 (1)	M63x1,5	70	35,0÷48,0	43,0	10,0	5

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

Long straight cable gland

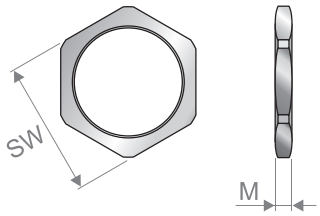


B = *Overall cable diameter*

Code	Thread	Tightening key SW [mm]	Cable diameter B Min/Max [mm]	Sizes [mm]		Packaging [pcs]
				H	L	
PCM101_M012X010 (1)	M12x1,5	15	1,0÷5,0	17,0	12,0	50
PCM101_M012X020 (1)	M12x1,5	15	3,0÷7,0	17,0	12,0	50
PCM101_M016X010 (1)	M16x1,5	18	2,0÷6,0	20,0	12,0	50
PCM101_M016X020 (1)	M16x1,5	18	4,5÷10,0	20,0	12,0	50
PCM101_M020X010 (1)	M20x1,5	22	3,5÷8,0	25,0	12,0	50
PCM101_M020X020 (1)	M20x1,5	22	7,0÷13,0	25,0	12,0	50
PCM101_M025X010 (1)	M25x1,5	28	5,0÷11,0	31,0	12,0	25
PCM101_M025X020 (1)	M25x1,5	28	10,0÷17,0	31,0	12,0	25
PCM101_M032X010 (1)	M32x1,5	36	7,0÷15,0	33,0	15,0	25
PCM101_M032X020 (1)	M32x1,5	36	13,0÷21,0	33,0	15,0	25
PCM101_M040X010 (1)	M40x1,5	46	15,0÷23,0	40,0	15,0	10
PCM101_M040X020 (1)	M40x1,5	46	19,0÷28,0	40,0	15,0	10
PCM101_M050X010 (1)	M50x1,5	55	20,0÷29,0	40,0	15,0	5
PCM101_M050X020 (1)	M50x1,5	55	25,0÷35,0	40,0	15,0	5
PCM101_M063X010 (1)	M63x1,5	70	28,0÷39,0	43,0	15,0	5
PCM101_M063X020 (1)	M63x1,5	70	35,0÷48,0	43,0	15,0	5
PCM101_M063X030 (1)	M63x1,5	80	44,0÷55,0	43,0	15,0	5

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

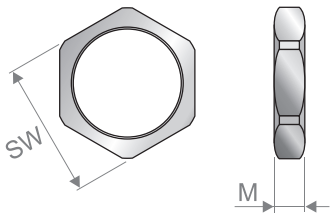
Thin lock nut



Code	Thread	Tightening key SW [mm]	Sizes M [mm]	Packaging [pcs]
PCFM10_M012X	M12x1,5	15	3,0	100
PCFM10_M016X	M16x1,5	19	3,0	100
PCFM10_M020X	M20x1,5	24	3,5	100
PCFM10_M025X	M25x1,5	30	4,0	50
PCFM10_M032X	M32x1,5	36	4,0	25
PCFM10_M040X	M40x1,5	46	5,0	25
PCFM10_M050X	M50x1,5	55	5,5	10
PCFM10_M063X	M63x1,5	70	6,0	10
PCFM10_M075X	M75x1,5	80	6,0	10
PCFM10_M080X	M80x2,0	95	8,0	5
PCFM10_M085X	M85x2,0	95	8,0	5
PCFM10_M095X	M95x2,0	110	9,0	5
PCFM10_M100X	M100x3,0	115	9,0	1
PCFM10_M105X	M105x3,0	120	9,0	1
PCFM10_M115X	M115x3,0	125	10,0	1

Materials: Nickel-plated brass

Thick lock nut



Code	Thread	Tightening key SW [mm]	Sizes M [mm]	Packaging [pcs]
PCFM12_M012X	M12x1,5	15	5,0	50
PCFM12_M016X	M16x1,5	19	5,0	50
PCFM12_M020X	M20x1,5	24	5,5	50
PCFM12_M025X	M25x1,5	30	5,5	50
PCFM12_M032X	M32x1,5	36	6,0	50
PCFM12_M040X	M40x1,5	46	7,0	50

Materials: Nickel-plated brass

Code composition

PC	□□□□	_	□	□□□	X	□□□

Diameter range
Code depending on the cable range.

Family	Version	To be interted	Thread	To be interted
Code depending on the glands' family.	Metric	M	M12, M16, ..., M63	012, 016, ..., 063

Lock nut

PC	□□□□	_	□	□□□

Family	Version	To be interted	Thread	To be interted
Code depending on the lock nuts' family.	Metric	M	M12, M16, ..., M63	012, 016, ..., 063