

Pressacavi per cavi non armati in Hazardous Locations



Cable glands for unarmoured cables for Hazardous Locations

For use in Class/Division, Class/Zone and Atex Hazardous Locations – “UL/CSA Listed”



Impiego - Use

Questi pressacavi a barriera sono progettati per l'uso con cavi non armati impiegati in ambienti in cui esiste un rischio di esplosione a causa della presenza di gas infiammabili, vapori o polveri combustibili. Questi pressacavi svolgono un ruolo cruciale nel mantenere l'integrità dell'involucro impedendo l'ingresso di sostanze pericolose impedendo che eventuali esplosioni potenziali si propaghino all'esterno dell'area pericolosa. Sono realizzati in ottone nichelato o in acciaio inossidabile AISI 316 e su richiesta in ottone giallo oppure alluminio. La barriera è realizzata attraverso una speciale resina liquida bicomponente che sigilla completamente i conduttori all'interno del corpo del pressacavo. Sono prodotti certificati c(UL)us, c(CSA)us, IECEx e ATEX.

These barrier cable glands are designed for use with unarmoured cables used in environments where there is a risk of explosion due to the presence of flammable gases, vapors, or combustible dusts. These cable glands play a crucial role in maintaining the integrity of the enclosure by preventing the ingress of hazardous substances and preventing potential explosions from propagating outside the hazardous area. They are made of nickel-plated brass or AISI 316 stainless steel and are available on request in brass or aluminum. The barrier is created through a special two-component liquid resin that completely seals the conductors inside the cable gland body. They are certified by c(UL)us, c(CSA)us, IECEx, and ATEX.

Dati tecnici - Technical data

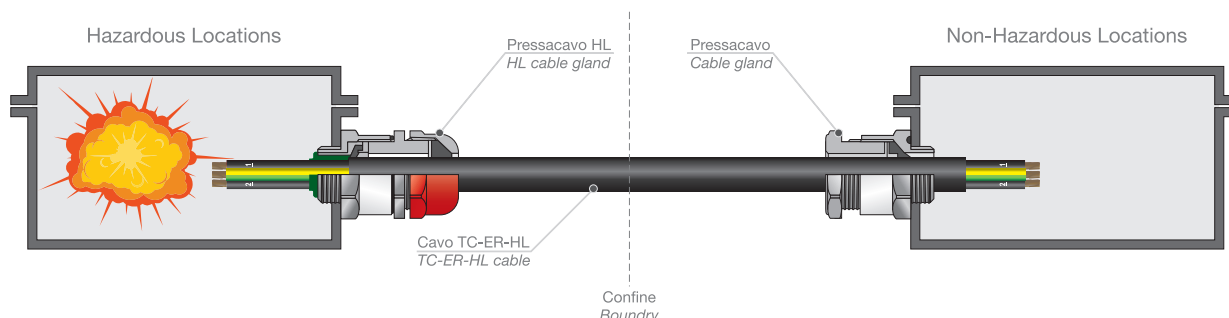
Caratteristica - Characteristics	Valore/proprietà - Value/property
Materiale <i>Material</i>	Ottone nichelato o acciaio inossidabile AISI 316, su richiesta ottone o alluminio. <i>Nickel-plated brass or AISI 316 stainless steel, brass or aluminum available upon request.</i>
Tipo di tenuta <i>Sealing type</i>	A prova di esplosione, tenuta mediante resina bicomponente RapidEx sui conduttori e mediante guarnizione a tenuta stagna sulla guaina esterna. <i>Explosion proof, RapidEx liquid resin barrier on conductors and watertight seal on outer sheath of cable.</i>
Cavi compatibili <i>Compatible cables</i>	Cavi non armati inclusi TC-ER-HL, Extra Hard Usage Cords, TC-ER, TC e cavi non armati Type P/Marine Shipboard ove permesso dal NFPA70 (NEC) e/o CSA C22.1 (CE Code). <i>Unarmoured cables including TC-ER-HL, Extra Hard Usage Cords, TC-ER, TC and unarmoured Type P/Marine Shipboard Cable where permitted by the NFPA70 (NEC) and/or CSA C22.1 (CE Code).</i>
Temperatura di esercizio <i>Temperature range</i>	-60°C, +85°C
Temperatura di conservazione della resina <i>Storage temperature of resin</i>	+5 °C, +25 °C
Grado di protezione ⁽¹⁾ <i>Protection class⁽¹⁾</i>	NEMA Type 4X IP66, IP67, IP68 ⁽²⁾
Riferimenti normativi costruttivi <i>Standards of construction</i>	BS 6121-1, EN/IEC 62444, ISO 965-1, ISO 965-3, ASME B1.20.1; EN/IEC 60079-0, -1, -7, -15, -31; CSA C22.2 No 0, 18, 25, 30, 94, 174; CSA C22.2 No 60079-0, -1, -7, -15, -31; UL 50, UL 514B, UL 2225, UL 60079-0, -1, -7, -15, ANSI/ISA 60079-31
Riferimenti normativi d'impiego <i>Standards of use</i>	ATEX: Ⓜ II 2G, Ex db IIC Gb, Ex eb IIC Gb; Ⓜ II 1D Ex ta IIIC Da; Ⓜ II 3G, Ex nR IIC Gc ; Ⓜ I M2 Ex db I Mb ⁽³⁾ , Ex eb I Mb ⁽³⁾ IECEx: Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da, Ex db I Mb ⁽³⁾ , Ex eb I Mb ⁽³⁾ (CSA)us ⁽⁴⁾ : Class I, Div 1 and 2, Groups A, B, C, and D; Class II, Div 1 and 2, Groups E, F, and G; Class III, Div 1 and 2; Type 4X; Oil Resistance II; Class I, Zone 1, AEx d IIC Gb, AEx e IIC Gb; Class I, Zone 2, AEx nR IIC Gc; Class I, Zone 20, AEx ta IIIC Da c(CSA)us ⁽⁴⁾ : Class I, Div 1 and 2, Groups A, B, C, and D; Class II, Div 1 and 2, Groups E, F and G; Class III, Div 1 and 2; Type 4X; Oil Resistance II; Ex d IIC Gb, Ex e IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da c(UL)us ⁽⁴⁾ : Class I, Div 1 and 2, Groups A, B, C, and D; Class II, Div 1 and 2, Groups F and G Others: 2014/34/UE ATEX

(1) Solo se installati con accessori originali. / Only if installed with original accessories.

(2) IP68 testato a 30 metri per 12 ore. / IP68 tested at 30 meters for 12 hours.

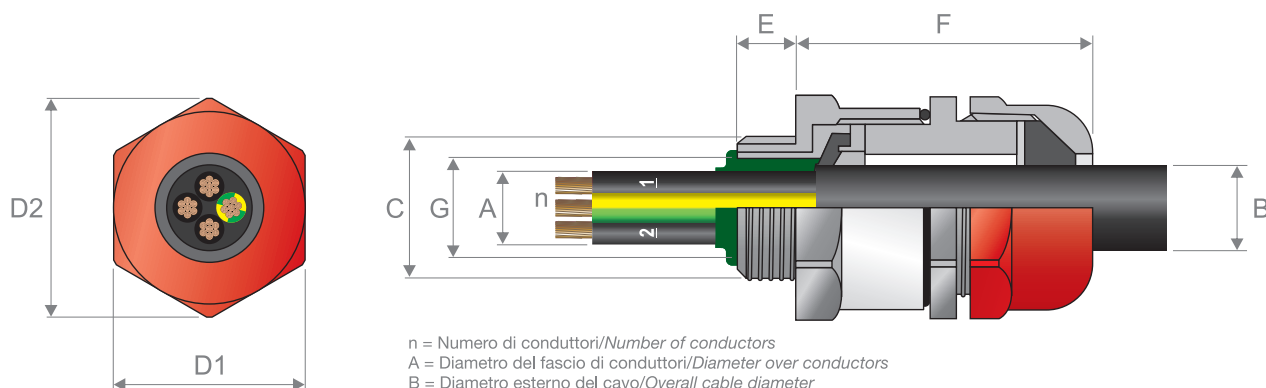
(3) La versione in alluminio non è consentita nelle applicazioni minerarie del Gruppo I. / Aluminum version is not permitted in Group I mining applications.

(4) Dove i tipi di cavi sono permessi dal National Electrical Code (NEC) e/o Canadian Electrical Code (CE Code). / Where the cable type is permitted by the National Electrical Code (NEC) and/or Canadian Electrical Code (CE Code).



Codifiche e dimensioni - Coding and dimensions

Pressacavo - Cable gland



Codice Code	Materiale Material	Filetto Thread	Dimensioni del cavo Cable's size [mm (inch)]				Dimensioni Sizes [mm (inch)]					Peso Weight [g (oz)]
			n	A Max	B		D1	D2	E	F	G	
					Min	Max						
PC810_M020X0100N	ON	M20 X 1.5	21	8,6 (0,339)	3,1 (0,122)	8,6 (0,339)	30,0 (1,181)	33,0 (1,299)	15,0 (0,591)	53,1 (2,091)	8,6 (0,339)	200 (7,05)
PC810_M020X0200N	ON	M20 X 1.5	21	11,7 (0,461)	6,1 (0,240)	11,7 (0,461)	30,0 (1,181)	33,0 (1,299)	15,0 (0,591)	53,1 (2,091)	11,7 (0,461)	200 (7,05)
PC810_M020X0300N	ON	M20 X 1.5	21	12,6 (0,496)	6,5 (0,256)	14,0 (0,551)	30,0 (1,181)	33,0 (1,299)	15,0 (0,591)	54,2 (2,134)	12,9 (0,508)	200 (7,05)
PC810_M020X0400N	ON	M20 X 1.5	21	12,6 (0,496)	10,0 (0,394)	15,9 (0,626)	30,0 (1,181)	33,0 (1,299)	15,0 (0,591)	54,2 (2,134)	12,9 (0,508)	200 (7,05)
PC810_M025X0100N	ON	M25 X 1.5	30	17,5 (0,689)	11,1 (0,437)	20,0 (0,787)	36,0 (1,417)	39,6 (1,559)	15,0 (0,591)	60,0 (2,362)	17,9 (0,705)	330 (11,64)
PC810_M032X0100N	ON	M32 X 1.5	50	23,6 (0,929)	17,0 (0,669)	26,3 (1,035)	41,0 (1,614)	45,1 (1,776)	15,0 (0,591)	61,1 (2,406)	23,9 (0,941)	590 (20,81)
PC810_M032X0200N	ON	M32 X 1.5	50	23,6 (0,929)	20,0 (0,787)	27,4 (1,079)	41,0 (1,614)	45,1 (1,776)	15,0 (0,591)	61,1 (2,406)	23,9 (0,941)	590 (20,81)
PC810_M040X0100N	ON	M40 X 1.5	59	30,0 (1,181)	22,0 (0,866)	32,1 (1,264)	50,0 (1,969)	55,0 (2,165)	15,0 (0,591)	62,4 (2,457)	30,3 (1,193)	560 (19,75)
PC810_M050X0100N	ON	M50 X 1.5	89	36,6 (1,441)	29,5 (1,161)	38,2 (1,504)	55,0 (2,165)	60,5 (2,382)	15,0 (0,591)	65,2 (2,567)	36,9 (1,453)	660 (23,28)
PC810_M050X0200N	ON	M50 X 1.5	89	41,0 (1,614)	35,6 (1,402)	44,0 (1,732)	60,0 (2,362)	66,0 (2,598)	15,0 (0,591)	67,6 (2,661)	41,3 (1,626)	730 (25,75)
PC810_M063X0100N	ON	M63 X 1.5	115	47,9 (1,886)	40,1 (1,579)	49,9 (1,965)	70,0 (2,756)	77,0 (3,031)	15,0 (0,591)	71,1 (2,799)	48,4 (1,906)	1.070 (37,74)
PC810_M063X0200N	ON	M63 X 1.5	115	53,7 (2,114)	47,2 (1,858)	55,9 (2,201)	75,0 (2,953)	82,5 (3,248)	15,0 (0,591)	70,4 (2,772)	54,0 (2,126)	1.060 (37,39)
PC810_M075X0100N	ON	M75 X 1.5	140	59,9 (2,358)	52,8 (2,079)	61,9 (2,437)	80,0 (3,150)	88,0 (3,465)	15,0 (0,591)	75,3 (2,965)	60,2 (2,370)	1.300 (45,86)
PC810_M075X0200N	ON	M75 X 1.5	140	64,3 (2,531)	59,1 (2,327)	67,9 (2,673)	85,0 (3,346)	93,5 (3,681)	15,0 (0,591)	74,9 (2,949)	64,2 (2,528)	1.300 (45,86)
PC810_M090X0100N	ON	M90 X 2.0	140	75,3 (2,965)	66,6 (2,622)	79,4 (3,126)	108,0 (4,252)	118,8 (4,677)	20,0 (0,787)	94,8 (3,732)	75,6 (2,976)	3.020 (106,53)

Codice Code	Materiale Material	Filetto Thread	Dimensioni del cavo Cable's size [mm (inch)]				Dimensioni Sizes [mm (inch)]					Peso Weight [g (oz)]
			n	A	B		D1	D2	E	F	G	
			Max	Max	Min	Max						
PC810_M100X0100N	ON	M100 X 2.0	200	83,6 (3,291)	76,0 (2,992)	90,9 (3,579)	123,0 (4,843)	135,3 (5,327)	20,0 (0,787)	86,3 (3,398)	85,9 (3,382)	4.000 (141,10)
PC810_N050X0100N	ON	NPT 1/2"	21	8,6 (0,339)	3,1 (0,122)	8,6 (0,339)	30,0 (1,181)	33,0 (1,299)	19,9 (0,783)	53,1 (2,091)	8,6 (0,339)	200 (7,05)
PC810_N050X0200N	ON	NPT 1/2"	21	11,7 (0,461)	6,1 (0,240)	11,7 (0,461)	30,0 (1,181)	33,0 (1,299)	19,9 (0,783)	53,1 (2,091)	11,7 (0,461)	200 (7,05)
PC810_N050X0300N	ON	NPT 1/2"	21	12,6 (0,496)	6,5 (0,256)	14,0 (0,551)	30,0 (1,181)	33,0 (1,299)	19,9 (0,783)	54,2 (2,134)	12,9 (0,508)	200 (7,05)
PC810_N050X0400N	ON	NPT 1/2"	21	12,6 (0,496)	10,0 (0,394)	15,9 (0,626)	30,0 (1,181)	33,0 (1,299)	19,9 (0,783)	54,2 (2,134)	12,9 (0,508)	200 (7,05)
PC810_N075X0100N	ON	NPT 3/4"	30	17,5 (0,689)	11,1 (0,437)	20,0 (0,787)	36,0 (1,417)	39,6 (1,559)	20,2 (0,795)	60,0 (2,362)	17,9 (0,705)	330 (11,64)
PC810_N100X0100N	ON	NPT 1"	50	23,6 (0,929)	17,0 (0,669)	26,3 (1,035)	41,0 (1,614)	45,1 (1,776)	25,0 (0,984)	61,1 (2,406)	23,9 (0,941)	590 (20,81)
PC810_N100X0200N	ON	NPT 1"	50	23,6 (0,929)	20,0 (0,787)	27,4 (1,079)	41,0 (1,614)	45,1 (1,776)	25,0 (0,984)	61,1 (2,406)	23,9 (0,941)	590 (20,81)
PC810_N125X0100N	ON	NPT 1"1/4	59	30,0 (1,181)	22,0 (0,866)	32,1 (1,264)	50,0 (1,969)	55,0 (2,165)	25,6 (1,008)	62,4 (2,457)	30,3 (1,193)	560 (19,75)
PC810_N150X0100N	ON	NPT 1"1/2	89	36,6 (1,441)	29,5 (1,161)	38,2 (1,504)	55,0 (2,165)	60,5 (2,382)	26,1 (1,028)	65,2 (2,567)	36,9 (1,453)	660 (23,28)
PC810_N200X0100N	ON	NPT 2"	89	41,0 (1,614)	35,6 (1,402)	44,0 (1,732)	60,0 (2,362)	66,0 (2,598)	26,9 (1,059)	67,6 (2,661)	41,3 (1,626)	730 (25,75)
PC810_N200X0200N	ON	NPT 2"	115	47,9 (1,886)	40,1 (1,579)	49,9 (1,965)	70,0 (2,756)	77,0 (3,031)	26,9 (1,059)	71,1 (2,799)	48,4 (1,906)	1.070 (37,74)
PC810_N250X0100N	ON	NPT 2"1/2	115	53,7 (2,114)	47,2 (1,858)	55,9 (2,201)	75,0 (2,953)	82,5 (3,248)	39,9 (1,571)	70,4 (2,772)	54,0 (2,126)	1.060 (37,39)
PC810_N250X0200N	ON	NPT 2"1/2	140	59,9 (2,358)	52,8 (2,079)	61,9 (2,437)	80,0 (3,150)	88,0 (3,465)	39,9 (1,571)	75,3 (2,965)	60,2 (2,370)	1.300 (45,86)
PC810_N300X0100N	ON	NPT 3"	140	64,3 (2,531)	59,1 (2,327)	67,9 (2,673)	85,0 (3,346)	93,5 (3,681)	41,5 (1,634)	74,9 (2,949)	64,2 (2,528)	1.300 (45,86)
PC810_N350X0100N	ON	NPT 3"1/2	140	75,3 (2,965)	66,6 (2,622)	79,4 (3,126)	108,0 (4,252)	118,8 (4,677)	42,8 (1,685)	94,8 (3,732)	75,6 (2,976)	3.020 (106,53)
PC810_N350X0200N	ON	NPT 3"1/2	200	83,6 (3,291)	76,0 (2,992)	90,9 (3,579)	123,0 (4,843)	135,3 (5,327)	42,8 (1,685)	86,3 (3,398)	85,9 (3,382)	4.000 (141,10)
PC810_M020X010AI	AI	M20 X 1.5	21	8,6 (0,339)	3,1 (0,122)	8,6 (0,339)	30,0 (1,181)	33,0 (1,299)	15,0 (0,591)	53,1 (2,091)	8,6 (0,339)	188 (6,63)
PC810_M020X020AI	AI	M20 X 1.5	21	11,7 (0,461)	6,1 (0,240)	11,7 (0,461)	30,0 (1,181)	33,0 (1,299)	15,0 (0,591)	53,1 (2,091)	11,7 (0,461)	188 (6,63)
PC810_M020X030AI	AI	M20 X 1.5	21	12,6 (0,496)	6,5 (0,256)	14,0 (0,551)	30,0 (1,181)	33,0 (1,299)	15,0 (0,591)	54,2 (2,134)	12,9 (0,508)	188 (6,63)
PC810_M020X040AI	AI	M20 X 1.5	21	12,6 (0,496)	10,0 (0,394)	15,9 (0,626)	30,0 (1,181)	33,0 (1,299)	15,0 (0,591)	54,2 (2,134)	12,9 (0,508)	188 (6,63)
PC810_M025X010AI	AI	M25 X 1.5	30	17,5 (0,689)	11,1 (0,437)	20,0 (0,787)	36,0 (1,417)	39,6 (1,559)	15,0 (0,591)	60,0 (2,362)	17,9 (0,705)	310 (10,94)
PC810_M032X010AI	AI	M32 X 1.5	50	23,6 (0,929)	17,0 (0,669)	26,3 (1,035)	41,0 (1,614)	45,1 (1,776)	15,0 (0,591)	61,1 (2,406)	23,9 (0,941)	555 (19,56)
PC810_M032X020AI	AI	M32 X 1.5	50	23,6 (0,929)	20,0 (0,787)	27,4 (1,079)	41,0 (1,614)	45,1 (1,776)	15,0 (0,591)	61,1 (2,406)	23,9 (0,941)	555 (19,56)
PC810_M040X010AI	AI	M40 X 1.5	59	30,0 (1,181)	22,0 (0,866)	32,1 (1,264)	50,0 (1,969)	55,0 (2,165)	15,0 (0,591)	62,4 (2,457)	30,3 (1,193)	526 (18,57)
PC810_M050X010AI	AI	M50 X 1.5	89	36,6 (1,441)	29,5 (1,161)	38,2 (1,504)	55,0 (2,165)	60,5 (2,382)	15,0 (0,591)	65,2 (2,567)	36,9 (1,453)	620 (21,88)
PC810_M050X020AI	AI	M50 X 1.5	89	41,0 (1,614)	35,6 (1,402)	44,0 (1,732)	60,0 (2,362)	66,0 (2,598)	15,0 (0,591)	67,6 (2,661)	41,3 (1,626)	686 (24,21)
PC810_M063X010AI	AI	M63 X 1.5	115	47,9 (1,886)	40,1 (1,579)	49,9 (1,965)	70,0 (2,756)	77,0 (3,031)	15,0 (0,591)	71,1 (2,799)	48,4 (1,906)	1.006 (35,48)
PC810_M063X020AI	AI	M63 X 1.5	115	53,7 (2,114)	47,2 (1,858)	55,9 (2,201)	75,0 (2,953)	82,5 (3,248)	15,0 (0,591)	70,4 (2,772)	54,0 (2,126)	996 (35,15)
PC810_M075X010AI	AI	M75 X 1.5	140	59,9 (2,358)	52,8 (2,079)	61,9 (2,437)	80,0 (3,150)	88,0 (3,465)	15,0 (0,591)	75,3 (2,965)	60,2 (2,370)	1.222 (43,10)

Pressacavi per cavi TC-ER-HL - Cable glands for TC-ER-HL cables

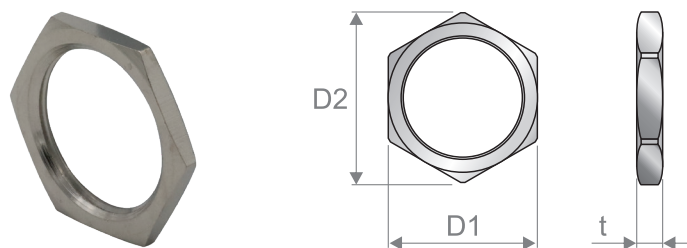
Codice Code	Materiale Material	Filetto Thread	Dimensioni del cavo Cable's size [mm (inch)]				Dimensioni Sizes [mm (inch)]					Peso Weight [g (oz)]
			n	A	B		D1	D2	E	F	G	
			Max	Max	Min	Max						
PC810_M075X020AI	Al	M75 X 1.5	140	64,3 (2,531)	59,1 (2,327)	67,9 (2,673)	85,0 (3,346)	93,5 (3,681)	15,0 (0,591)	74,9 (2,949)	64,2 (2,528)	1.222 (43,10)
PC810_M090X010AI	Al	M90 X 2.0	140	75,3 (2,965)	66,6 (2,622)	79,4 (3,126)	108,0 (4,252)	118,8 (4,677)	20,0 (0,787)	94,8 (3,732)	75,6 (2,976)	2.839 (100,14)
PC810_M100X010AI	Al	M100 X 2.0	200	83,6 (3,291)	76,0 (2,992)	90,9 (3,579)	123,0 (4,843)	135,3 (5,327)	20,0 (0,787)	86,3 (3,398)	85,9 (3,382)	3.760 (132,63)
PC810_N050X010AI	Al	NPT 1/2"	21	8,6 (0,339)	3,1 (0,122)	8,6 (0,339)	30,0 (1,181)	33,0 (1,299)	19,9 (0,783)	53,1 (2,091)	8,6 (0,339)	188 (6,63)
PC810_N050X020AI	Al	NPT 1/2"	21	11,7 (0,461)	6,1 (0,240)	11,7 (0,461)	30,0 (1,181)	33,0 (1,299)	19,9 (0,783)	53,1 (2,091)	11,7 (0,461)	188 (6,63)
PC810_N050X030AI	Al	NPT 1/2"	21	12,6 (0,496)	6,5 (0,256)	14,0 (0,551)	30,0 (1,181)	33,0 (1,299)	19,9 (0,783)	54,2 (2,134)	12,9 (0,508)	188 (6,63)
PC810_N050X040AI	Al	NPT 1/2"	21	12,6 (0,496)	10,0 (0,394)	15,9 (0,626)	30,0 (1,181)	33,0 (1,299)	19,9 (0,783)	54,2 (2,134)	12,9 (0,508)	188 (6,63)
PC810_N075X010AI	Al	NPT 3/4"	30	17,5 (0,689)	11,1 (0,437)	20,0 (0,787)	36,0 (1,417)	39,6 (1,559)	20,2 (0,795)	60,0 (2,362)	17,9 (0,705)	310 (10,94)
PC810_N100X010AI	Al	NPT 1"	50	23,6 (0,929)	17,0 (0,669)	26,3 (1,035)	41,0 (1,614)	45,1 (1,776)	25,0 (0,984)	61,1 (2,406)	23,9 (0,941)	555 (19,56)
PC810_N100X020AI	Al	NPT 1"	50	23,6 (0,929)	20,0 (0,787)	27,4 (1,079)	41,0 (1,614)	45,1 (1,776)	25,0 (0,984)	61,1 (2,406)	23,9 (0,941)	555 (19,56)
PC810_N125X010AI	Al	NPT 1"1/4	59	30,0 (1,181)	22,0 (0,866)	32,1 (1,264)	50,0 (1,969)	55,0 (2,165)	25,6 (1,008)	62,4 (2,457)	30,3 (1,193)	526 (18,57)
PC810_N150X010AI	Al	NPT 1"1/2	89	36,6 (1,441)	29,5 (1,161)	38,2 (1,504)	55,0 (2,165)	60,5 (2,382)	26,1 (1,028)	65,2 (2,567)	36,9 (1,453)	620 (21,88)
PC810_N200X010AI	Al	NPT 2"	89	41,0 (1,614)	35,6 (1,402)	44,0 (1,732)	60,0 (2,362)	66,0 (2,598)	26,9 (1,059)	67,6 (2,661)	41,3 (1,626)	686 (24,21)
PC810_N200X020AI	Al	NPT 2"	115	47,9 (1,886)	40,1 (1,579)	49,9 (1,965)	70,0 (2,756)	77,0 (3,031)	26,9 (1,059)	71,1 (2,799)	48,4 (1,906)	1.006 (35,48)
PC810_N250X010AI	Al	NPT 2"1/2	115	53,7 (2,114)	47,2 (1,858)	55,9 (2,201)	75,0 (2,953)	82,5 (3,248)	39,9 (1,571)	70,4 (2,772)	54,0 (2,126)	996 (35,15)
PC810_N250X020AI	Al	NPT 2"1/2	140	59,9 (2,358)	52,8 (2,079)	61,9 (2,437)	80,0 (3,150)	88,0 (3,465)	39,9 (1,571)	75,3 (2,965)	60,2 (2,370)	1.222 (43,10)
PC810_N300X010AI	Al	NPT 3"	140	64,3 (2,531)	59,1 (2,327)	67,9 (2,673)	85,0 (3,346)	93,5 (3,681)	41,5 (1,634)	74,9 (2,949)	64,2 (2,528)	1.222 (43,10)
PC810_N350X010AI	Al	NPT 3"1/2	140	75,3 (2,965)	66,6 (2,622)	79,4 (3,126)	108,0 (4,252)	118,8 (4,677)	42,8 (1,685)	94,8 (3,732)	75,6 (2,976)	2.839 (100,14)
PC810_N350X020AI	Al	NPT 3"1/2	200	83,6 (3,291)	76,0 (2,992)	90,9 (3,579)	123,0 (4,843)	135,3 (5,327)	42,8 (1,685)	86,3 (3,398)	85,9 (3,382)	3.760 (132,63)

Legenda materiali: ON = Ottone nichelato, Al = Acciaio inossidabile AISI 316

Materials' description: ON = Nickel-plated brass, Al = AISI 316 stainless steel

- I pressacavi sono forniti completi di confezione di resina.
- Non sono incluse ghiere e guarnizioni, fornite separatamente.
- Su specifica richiesta e per quantitativo minimo sono disponibili in ottone giallo e alluminio.
- Su specifica richiesta e per quantitativo minimo sono disponibili filetti NPT ridotti.
- Per le tolleranze produttive a cui sono soggetti i cavi elettrici si suggerisce di scegliere il pressacavo corretto misurando il diametro minimo e massimo del cavo da installare.
- The cable glands are supplied complete with a resin pack.
- Locknuts and sealing gaskets are not included, provided separately.
- Yellow brass and aluminum versions are available upon specific request and for a minimum quantity.
- Reduced NPT threads are available upon specific request and for a minimum quantity. Due to the production tolerances to which electrical cables are subject, it is recommended to choose the correct cable gland by measuring the minimum and maximum diameter of the cable to be installed.

Ghiera esagonale - Lock nut



Codice Code	Materiale Material	Filetto Thread	t	Dimensioni Sizes [mm (inch)]		Peso Weight [g (oz)]
				D1	D2	
PC81G_M020X0100N	ON	M20 X 1.5	3,2 (0,126)	24,0 (0,945)	27,7 (1,091)	7 (0,25)
PC81G_M025X0100N	ON	M25 X 1.5	3,2 (0,126)	30,0 (1,181)	34,6 (1,362)	12 (0,42)
PC81G_M032X0100N	ON	M32 X 1.5	3,2 (0,126)	36,0 (1,417)	41,6 (1,638)	13 (0,46)
PC81G_M040X0100N	ON	M40 X 1.5	4,8 (0,189)	46,0 (1,811)	53,1 (2,091)	26 (0,92)
PC81G_M050X0100N	ON	M50 X 1.5	6,3 (0,248)	55,0 (2,165)	63,5 (2,500)	54 (1,90)
PC81G_M063X0100N	ON	M63 X 1.5	6,3 (0,248)	70,0 (2,756)	80,8 (3,181)	64 (2,26)
PC81G_M075X0100N	ON	M75 X 1.5	6,3 (0,248)	84,0 (3,307)	97,0 (3,819)	100 (3,53)
PC81G_M090X0100N	ON	M90 X 2.0	9,5 (0,374)	106,0 (4,173)	122,4 (4,819)	264 (9,31)
PC81G_M100X0100N	ON	M100 X 2.0	9,5 (0,374)	123,0 (4,843)	142,0 (5,591)	445 (15,70)
PC81G_N050X0100N	ON	NPT 1/2"	4,8 (0,189)	27,0 (1,063)	31,2 (1,228)	7 (0,25)
PC81G_N075X0100N	ON	NPT 3/4"	4,8 (0,189)	33,0 (1,299)	38,1 (1,500)	12 (0,42)
PC81G_N100X0100N	ON	NPT 1"	4,8 (0,189)	41,0 (1,614)	47,3 (1,862)	13 (0,46)
PC81G_N125X0100N	ON	NPT 1"1/4	4,8 (0,189)	50,0 (1,969)	57,7 (2,272)	26 (0,92)
PC81G_N150X0100N	ON	NPT 1"1/2	5,0 (0,197)	60,0 (2,362)	69,3 (2,728)	54 (1,90)
PC81G_N200X0100N	ON	NPT 2"	5,0 (0,197)	75,0 (2,953)	88,6 (3,488)	64 (2,26)
PC81G_N250X0100N	ON	NPT 2"1/2	10,0 (0,394)	84,0 (3,307)	97,0 (3,819)	100 (3,53)
PC81G_N300X0100N	ON	NPT 3"	10,0 (0,394)	100,0 (3,937)	115,5 (4,547)	264 (9,31)
PC81G_N350X0100N	ON	NPT 3"1/2	11,2 (0,441)	114,3 (4,500)	132,0 (5,197)	350 (12,35)
PC81G_M020X010AI	AI	M20 X 1.5	3,2 (0,126)	24,0 (0,945)	27,7 (1,091)	5 (0,17)
PC81G_M025X010AI	AI	M25 X 1.5	3,2 (0,126)	30,0 (1,181)	34,6 (1,362)	7 (0,25)
PC81G_M032X010AI	AI	M32 X 1.5	3,2 (0,126)	36,0 (1,417)	41,6 (1,638)	34 (1,21)
PC81G_M040X010AI	AI	M40 X 1.5	4,8 (0,189)	46,0 (1,811)	53,1 (2,091)	20 (0,71)
PC81G_M050X010AI	AI	M50 X 1.5	6,3 (0,248)	55,0 (2,165)	63,5 (2,500)	29 (1,03)
PC81G_M063X010AI	AI	M63 X 1.5	6,3 (0,248)	70,0 (2,756)	80,8 (3,181)	64 (2,26)
PC81G_M075X010AI	AI	M75 X 1.5	6,3 (0,248)	84,0 (3,307)	97,0 (3,819)	100 (3,53)
PC81G_M090X010AI	AI	M90 X 2.0	9,5 (0,374)	106,0 (4,173)	122,4 (4,819)	267 (9,41)
PC81G_M100X010AI	AI	M100 X 2.0	9,5 (0,374)	123,0 (4,843)	142,0 (5,591)	379 (13,37)
PC81G_N050X010AI	AI	NPT 1/2"	4,8 (0,189)	27,0 (1,063)	31,2 (1,228)	10 (0,35)
PC81G_N075X010AI	AI	NPT 3/4"	4,8 (0,189)	33,0 (1,299)	38,1 (1,500)	12 (0,42)
PC81G_N100X010AI	AI	NPT 1"	4,8 (0,189)	41,0 (1,614)	47,3 (1,862)	26 (0,90)
PC81G_N125X010AI	AI	NPT 1"1/4	4,8 (0,189)	50,0 (1,969)	57,7 (2,272)	37 (1,31)
PC81G_N150X010AI	AI	NPT 1"1/2	5,0 (0,197)	60,0 (2,362)	69,3 (2,728)	47 (1,66)
PC81G_N200X010AI	AI	NPT 2"	5,0 (0,197)	75,0 (2,953)	88,6 (3,488)	43 (1,50)
PC81G_N250X010AI	AI	NPT 2"1/2	10,0 (0,394)	84,0 (3,307)	97,0 (3,819)	177 (6,24)
PC81G_N300X010AI	AI	NPT 3"	10,0 (0,394)	100,0 (3,937)	115,5 (4,547)	685 (24,18)
PC81G_N350X010AI	AI	NPT 3"1/2	11,2 (0,441)	114,3 (4,500)	132,0 (5,197)	339 (11,94)

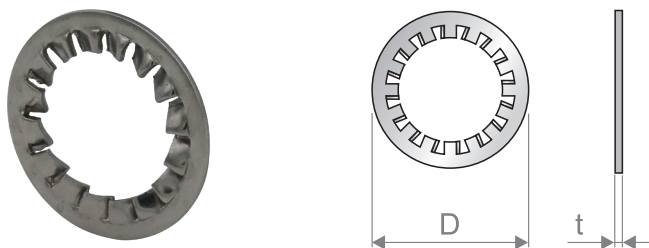
Legenda materiali: ON = Ottone nichelato, AI = Acciaio inossidabile AISI 316

Materials' description: ON = Nickel-plated brass, AI = AISI 316 stainless steel

Nota. Su specifica richiesta e per quantitativo minimo sono disponibili in ottone giallo e alluminio.

Note. Yellow brass and aluminum versions are available upon specific request and for a minimum quantity.

Ghiera dentata - Serrated washer

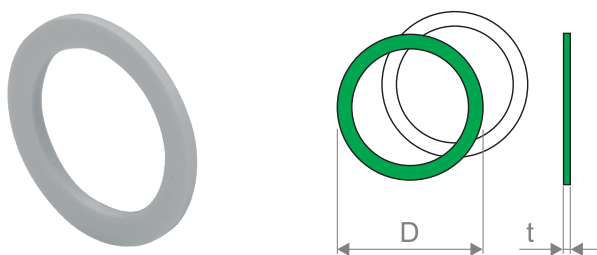


Codice Code	Materiale Material	Taglia pressacavo Cable gland size	Dimensioni Sizes [mm (inch)]		Peso Weight [g (oz)]
			t	D	
PC81D_M020X010AI	AI	M20	3,9 (0,154)	32,5 (1,280)	4 (0,14)
PC81D_M025X010AI	AI	M25	3,9 (0,154)	40,0 (1,575)	8 (0,28)
PC81D_M032X010AI	AI	M32	3,9 (0,154)	43,5 (1,713)	9 (0,32)
PC81D_M040X010AI	AI	M40	3,9 (0,154)	64,5 (2,539)	22 (0,78)
PC81D_M050X010AI	AI	M50	3,9 (0,154)	80,0 (3,150)	30 (1,06)
PC81D_M063X010AI	AI	M63	3,9 (0,154)	100,0 (3,937)	50 (1,76)
PC81D_M075X010AI	AI	M75	4,1 (0,161)	112,0 (4,409)	65 (2,29)
PC81D_M090X010AI	AI	M90	4,1 (0,161)	135,0 (5,315)	90 (3,17)
PC81D_M100X010AI	AI	M100	4,1 (0,161)	145,0 (5,709)	150 (5,29)
PC81D_N050X010AI	AI	NPT 1/2"	3,9 (0,154)	32,5 (1,280)	5 (0,18)
PC81D_N075X010AI	AI	NPT 3/4"	3,9 (0,154)	40,0 (1,575)	12 (0,42)
PC81D_N100X010AI	AI	NPT 1"	3,9 (0,154)	43,5 (1,713)	5 (0,18)
PC81D_N125X010AI	AI	NPT 1 1/4"	3,9 (0,154)	64,5 (2,539)	20 (0,71)
PC81D_N150X010AI	AI	NPT 1 1/2"	3,9 (0,154)	80,0 (3,150)	45 (1,59)
PC81D_N200X010AI	AI	NPT 2"	3,9 (0,154)	100,0 (3,937)	60 (2,12)
PC81D_N250X010AI	AI	NPT 2 1/2"	3,9 (0,154)	112,0 (4,409)	100 (3,53)
PC81D_N300X010AI	AI	NPT 3"	4,1 (0,161)	135,0 (5,315)	60 (2,12)
PC81D_N350X010AI	AI	NPT 3 1/2"	4,1 (0,161)	145,0 (5,709)	60 (2,12)

Legenda materiali: AI = Acciaio inossidabile AISI 316

Materials' description: AI = AISI 316 stainless steel

Guarnizione - Sealing gasket

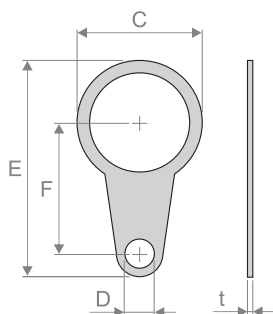


Codice Code	Materiale Material	Taglia pressacavo Cable gland size	Dimensioni Sizes [mm (inch)]		Peso Weight [g (oz)]
			t	D	
PC81S_M020X010BI	BI	M20	2,0 (0,079)	28,3 (1,114)	1 (0,04)
PC81S_M025X010BI	BI	M25	2,0 (0,079)	34,5 (1,356)	3 (0,11)
PC81S_M032X010BI	BI	M32	2,0 (0,079)	44,2 (1,740)	4 (0,13)
PC81S_M040X010BI	BI	M40	2,0 (0,079)	52,8 (2,079)	3 (0,09)
PC81S_M050X010BI	BI	M50	2,0 (0,079)	64,8 (2,551)	3 (0,09)
PC81S_M063X010BI	BI	M63	2,0 (0,079)	77,9 (3,067)	5 (0,19)
PC81S_M075X010BI	BI	M75	2,0 (0,079)	95,9 (3,776)	8 (0,29)
PC81S_M090X010BI	BI	M90	2,0 (0,079)	110,6 (4,354)	9 (0,30)
PC81S_M100X010BI	BI	M100	2,0 (0,079)	120,7 (4,752)	14 (0,49)
PC81S_N050X010VE	VE	NPT 1/2"	2,0 (0,079)	29,7 (1,167)	1 (0,05)

Codice Code	Materiale Material	Taglia pressacavo Cable gland size	Dimensioni Sizes [mm (inch)]		Peso Weight [g (oz)]
			t	D	
PC81S_N075X010VE	VE	NPT 3/4"	2,0 (0,079)	34,4 (1,354)	3 (0,11)
PC81S_N100X010VE	VE	NPT 1"	2,0 (0,079)	44,4 (1,748)	4 (0,13)
PC81S_N125X010VE	VE	NPT 1"1/4	2,0 (0,079)	55,9 (2,201)	4 (0,13)
PC81S_N150X010VE	VE	NPT 1"1/2	2,0 (0,079)	64,8 (2,551)	5 (0,18)
PC81S_N200X010VE	VE	NPT 2"	2,0 (0,079)	77,6 (3,055)	5 (0,18)
PC81S_N250X010VE	VE	NPT 2"1/2	2,0 (0,079)	95,9 (3,776)	8 (0,28)
PC81S_N300X010VE	VE	NPT 3"	2,0 (0,079)	110,6 (4,354)	12 (0,42)
PC81S_N350X010VE	VE	NPT 3"1/2	2,0 (0,079)	120,7 (4,752)	14 (0,49)

Legenda materiali: BI = Nylon colore bianco, VE = Nylon colore verde
Materials' description: BI = White color Nylon, VE = Green color Nylon

Piastrina di terra - Earth tag



Codice Code	Materiale Material	Taglia pressacavo Cable gland size	Corrente di corto circuito simmetrica per 1 sec Short circuit symm fault current for 1 sec [kA]	Dimensioni Sizes [mm (inch)]					Peso Weight [g (oz)]
				t	C	D	E	F	
PC81T_M020X0100N	ON	M20	3,06	1,3 (0,050)	27,2 (1,070)	M6	52,3 (2,060)	33,0 (1,300)	8 (0,28)
PC81T_M025X0100N	ON	M25	4,06	1,5 (0,060)	35,1 (1,380)	M6	59,2 (2,330)	35,6 (1,400)	10 (0,35)
PC81T_M032X0100N	ON	M32	5,4	1,5 (0,060)	45,2 (1,780)	M12	77,0 (3,030)	43,2 (1,700)	16 (0,56)
PC81T_M040X0100N	ON	M40	7,2	1,5 (0,060)	53,6 (2,110)	M13	88,6 (3,490)	45,5 (1,790)	21 (0,74)
PC81T_M050X0100N	ON	M50	10,4	1,5 (0,060)	65,3 (2,570)	M13	111,3 (4,380)	58,2 (2,290)	37 (1,31)
PC81T_M063X0100N	ON	M63	10,4	1,5 (0,060)	82,6 (3,250)	M13	128,8 (5,070)	66,8 (2,630)	48 (1,69)
PC81T_M075X0100N	ON	M75	10,4	1,5 (0,060)	95,5 (3,760)	M13	141,5 (5,570)	72,9 (2,870)	54 (1,90)
PC81T_M090X0100N	ON	M90	10,4	2,0 (0,080)	114,3 (4,500)	M13	161,0 (6,340)	85,1 (3,350)	55 (1,94)
PC81T_M100X0100N	ON	M100	10,4	2,0 (0,080)	125,0 (4,920)	M13	194,8 (7,670)	118,1 (4,650)	200 (7,05)
PC81T_N050X0100N	ON	NPT 1/2"	3,06	1,3 (0,050)	27,2 (1,070)	M6	52,8 (2,080)	33,0 (1,300)	8 (0,28)
PC81T_N075X0100N	ON	NPT 3/4"	4,06	1,5 (0,060)	35,1 (1,380)	M6	59,2 (2,330)	35,6 (1,400)	10 (0,35)
PC81T_N100X0100N	ON	NPT 1"	5,4	1,5 (0,060)	45,2 (1,780)	M12	77,0 (3,030)	43,2 (1,700)	16 (0,56)
PC81T_N125X0100N	ON	NPT 1"1/4	7,2	1,5 (0,060)	53,6 (2,110)	M13	88,6 (3,490)	45,5 (1,790)	21 (0,74)
PC81T_N150X0100N	ON	NPT 1"1/2	10,4	1,5 (0,060)	65,3 (2,570)	M13	111,3 (4,380)	58,2 (2,290)	37 (1,31)
PC81T_N200X0100N	ON	NPT 2"	10,4	1,5 (0,060)	82,6 (3,250)	M13	128,8 (5,070)	66,8 (2,630)	48 (1,69)
PC81T_N250X0100N	ON	NPT 2"1/2	10,4	1,5 (0,060)	95,5 (3,760)	M13	141,5 (5,570)	72,9 (2,870)	54 (1,90)

Pressacavi per cavi TC-ER-HL - Cable glands for TC-ER-HL cables

Codice Code	Materiale Material	Taglia pressacavo Cable gland size	Corrente di corto circuito simmetrica per 1 sec Short circuit symm fault current for 1 sec [kA]	Dimensioni Sizes [mm (inch)]					Peso Weight [g (oz)]
				t	C	D	E	F	
PC81T_N300X0100N	ON	NPT 3"	10,4	2,0 (0,080)	114,0 (4,490)	M13	161,0 (6,340)	85,1 (3,350)	90 (3,17)
PC81T_N350X0100N	ON	NPT 3"1/2	10,4	2,0 (0,080)	125,0 (4,920)	M13	194,8 (7,670)	103,1 (4,060)	65 (2,29)
PC81T_M020X010AI	AI	M20	3,06	1,3 (0,050)	27,2 (1,070)	M6	52,3 (2,060)	33,0 (1,300)	8 (0,28)
PC81T_M025X010AI	AI	M25	4,06	1,5 (0,060)	35,1 (1,380)	M6	59,2 (2,330)	35,6 (1,400)	10 (0,35)
PC81T_M032X010AI	AI	M32	5,4	1,5 (0,060)	45,2 (1,780)	M12	77,0 (3,030)	43,2 (1,700)	16 (0,56)
PC81T_M040X010AI	AI	M40	7,2	1,5 (0,060)	53,6 (2,110)	M13	88,6 (3,490)	45,5 (1,790)	21 (0,74)
PC81T_M050X010AI	AI	M50	10,4	1,5 (0,060)	65,3 (2,570)	M13	111,3 (4,380)	58,2 (2,290)	37 (1,31)
PC81T_M063X010AI	AI	M63	10,4	1,5 (0,060)	82,6 (3,250)	M13	128,8 (5,070)	66,8 (2,630)	48 (1,69)
PC81T_M075X010AI	AI	M75	10,4	1,5 (0,060)	95,5 (3,760)	M13	141,5 (5,570)	72,9 (2,870)	51 (1,80)
PC81T_M090X010AI	AI	M90	10,4	2,0 (0,080)	114,3 (4,500)	M13	161,0 (6,340)	85,1 (3,350)	55 (1,94)
PC81T_M100X010AI	AI	M100	10,4	2,0 (0,080)	125,0 (4,920)	M13	194,8 (7,670)	118,1 (4,650)	200 (7,05)
PC81T_N050X010AI	AI	NPT 1/2"	3,06	1,3 (0,050)	27,2 (1,070)	M6	52,8 (2,080)	33,0 (1,300)	8 (0,28)
PC81T_N075X010AI	AI	NPT 3/4"	4,06	1,5 (0,060)	35,1 (1,380)	M6	59,2 (2,330)	35,6 (1,400)	10 (0,35)
PC81T_N100X010AI	AI	NPT 1"	5,4	1,5 (0,060)	45,2 (1,780)	M12	77,0 (3,030)	43,2 (1,700)	200 (7,05)
PC81T_N125X010AI	AI	NPT 1"1/4	7,2	1,5 (0,060)	53,6 (2,110)	M13	88,6 (3,490)	45,5 (1,790)	26 (0,92)
PC81T_N150X010AI	AI	NPT 1"1/2	10,4	1,5 (0,060)	65,3 (2,570)	M13	111,3 (4,380)	58,2 (2,290)	38 (1,34)
PC81T_N200X010AI	AI	NPT 2"	10,4	1,5 (0,060)	82,6 (3,250)	M13	128,8 (5,070)	66,8 (2,630)	48 (1,69)
PC81T_N250X010AI	AI	NPT 2"1/2	10,4	1,5 (0,060)	95,5 (3,760)	M13	141,5 (5,570)	72,9 (2,870)	51 (1,80)
PC81T_N300X010AI	AI	NPT 3"	10,4	2,0 (0,080)	114,0 (4,490)	M13	161,0 (6,340)	85,1 (3,350)	60 (2,12)
PC81T_N350X010AI	AI	NPT 3"1/2	10,4	2,0 (0,080)	125,0 (4,920)	M13	194,8 (7,670)	103,1 (4,060)	65 (2,29)

Legenda materiali: ON = Ottone nichelato, AI = Acciaio inossidabile AISI 316

Materials' description: ON = Nickel-plated brass, AI = AISI 316 stainless steel

Nota. Su specifica richiesta e per quantitativo minimo sono disponibili in ottone giallo e alluminio.

Note. Yellow brass and aluminum versions are available upon specific request and for a minimum quantity.

Cappucci protettivi - Shroud



Tabella di selezione del cappuccio in relazione al pressacavo scelto.
Selection table for the shroud according to the chosen cable gland.

Codice pressacavo <i>Cable gland</i>	Codice cappuccio <i>Shroud code</i>
PC810_M020X010□□	PC81C_06
PC810_M020X020□□	PC81C_06
PC810_M020X030□□	PC81C_06
PC810_M020X040□□	PC81C_06
PC810_M025X010□□	PC81C_09
PC810_M032X010□□	PC81C_10
PC810_M032X020□□	PC81C_10
PC810_M040X010□□	PC81C_13
PC810_M050X010□□	PC81C_15
PC810_M050X020□□	PC81C_18
PC810_M063X010□□	PC81C_21
PC810_M063X020□□	PC81C_23
PC810_M075X010□□	PC81C_25
PC810_M075X020□□	PC81C_27
PC810_M090X010□□	PC81C_31
PC810_M100X010□□	PC81C_33LSF
PC810_N050X010□□	PC81C_06
PC810_N050X020□□	PC81C_06
PC810_N050X030□□	PC81C_06
PC810_N050X040□□	PC81C_06
PC810_N075X010□□	PC81C_09
PC810_N100X010□□	PC81C_10
PC810_N100X020□□	PC81C_10
PC810_N125X010□□	PC81C_13
PC810_N150X010□□	PC81C_15
PC810_N200X010□□	PC81C_18
PC810_N200X020□□	PC81C_21
PC810_N250X010□□	PC81C_23
PC810_N250X020□□	PC81C_25
PC810_N300X010□□	PC81C_27
PC810_N350X010□□	PC81C_31
PC810_N350X020□□	PC81C_33LSF

Composizione del codice - Code composition



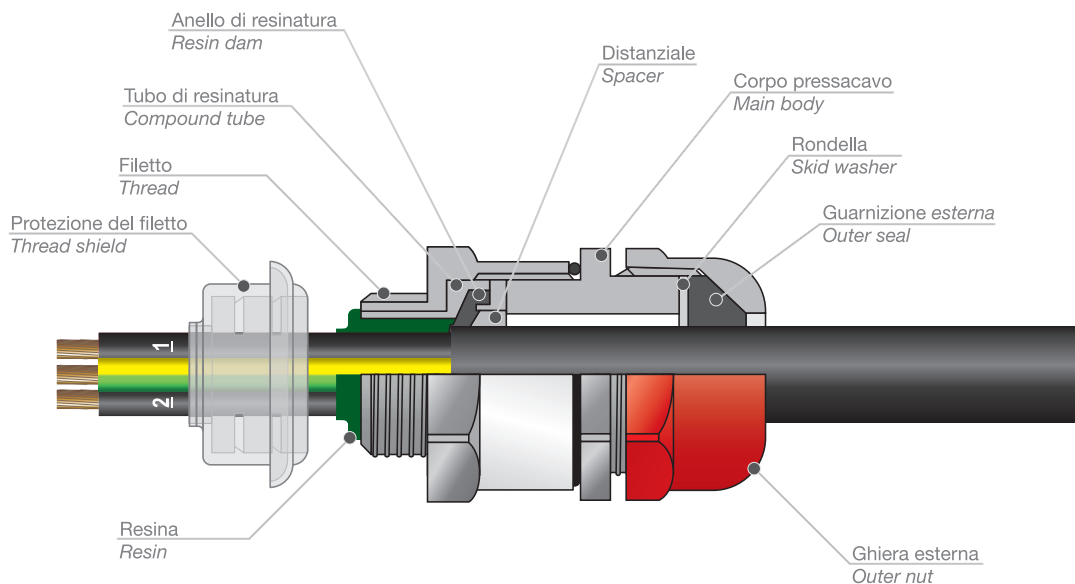
Famglia Family	Inserire To be inserted	Versione Version	Inserire To be inserted	Filetto Thread	Inserire To be inserted
Pressacavo Cable gland	810	Metrica Metric	M	M20, M25, ..., M100	020, 025, ..., 100
Ghiera Lock nut	81G	NPT	N	NPT 1/2", 3/4", ..., 4"	050, 075, ..., 400
Ghiera dentata Serrated washer	81D				
Guarnizione Sealing gasket	81S				
Piastrina di messa a terra Earth tag	81T				
Cappuccio di protezione Shroud	81C				

Materiale Material	Inserire To be inserted
Ottone Brass	OT
Ottone nichelato Nickel-plated brass	ON
Acciaio inossidabile AISI 316 AISI 316 stainless steel	AI
Alluminio Aluminum	AL
Nylon bianco White nylon	BI
Nylon verde Green nylon	VE

Range di diametri Diameter range

Codice identificativo del range di diametri di accoppiamento.
Code depending on the cable range.

Montaggio - Mounting



- L'installazione deve essere eseguita solo da una persona competente utilizzando gli strumenti corretti. Leggere tutte le istruzioni prima di iniziare l'installazione.
- L'interfaccia tra pressacavo e involucro richiede accessori di tenuta aggiuntivi per garantire livelli di protezione superiori a IP54. Accessori originali sono necessari per garantire gradi di protezione IP66, 67 e 68.
- La piastrina di terra deve essere utilizzata quando è necessario garantire una connessione di messa a terra. La piastrina di terra viene inserita sul pressacavo dall'interno/esterno dell'involucro e deve essere fissata con una ghiera se montata internamente
- Gli involucri devono essere sufficientemente robusti da supportare l'assemblaggio del cavo e del relativo pressacavo. La superficie dell'involucro deve essere liscia e piana per agevolare la tenuta della guarnizione.
- Quando il pressacavo viene utilizzato con un foro passante, il foro deve essere circolare, privo di sbavature e il diametro non deve essere superiore a 0,7 mm del diametro maggiore del filetto. Una ghiera di bloccaggio deve essere utilizzata per fissare il prodotto.
- I pressacavi non hanno parti riparabili e pertanto, in caso di danneggiamento, devono essere sostituiti.
- I pressacavi sono adatti solo per installazioni fisse secondo i requisiti ATEX e IECEx.
- I cavi devono essere efficacemente serrati per evitare sollecitazioni di trazione o torsione secondo i requisiti ATEX e IECEx.
- I connettori con filetti di ingresso metrici sono adatti solo per Aree Classificate in Zona a meno che non siano dotati di un adattatore di conversione filettatura metrica in NPT approvato.
- L'installazione deve essere effettuata secondo i metodi di cablaggio CSA C22.1 (CE Code) per i tipi di cavi che possono essere utilizzati in Aree Classificate di Classe I, Div. 1 e 2 e Classe I, Zona 1 e 2.
- L'installazione deve essere effettuata secondo i metodi di cablaggio NFPA 70 (NEC) per i tipi di cavi che possono essere utilizzati in Aree Classificate di Classe I, Div. 1 e 2 e Classe I, Zona 1 e 2.
- Prima della messa in servizio o dell'uso in presenza di materiali infiammabili, la resina deve essere indurita per almeno 24 ore a una temperatura non inferiore a 5°C (41°F).
- Per i filetti metrici e NPT, l'installatore deve seguire le indicazioni del NFPA 70 (NEC) o CSA C22.1 (CE Code) per garantire che la tenuta dell'involucro.
- Seguire attentamente le istruzioni relative al composto resinoso.
- Installation should only be performed by a competent person using the correct tools. Read all instructions before beginning installation.
- The interface between a cable gland and the enclosure will require additional sealing to achieve ingress protection ratings higher than IP54. Original accessories are required to maintain IP66, 67 and 68.
- A earth tag should be used when it is necessary to provide an earth bond connection. Earth tags slip over the cable gland from inside/outside the enclosure and must be secured with a locknut, if fitted internally.
- Enclosures must be strong enough to support the cable and cable gland assembly. The enclosure surface finish must be smooth and flat to facilitate sealing with the sealing gasket.
- It is recommended that when using the cable gland with a through-hole, the hole must be circular, free of burrs and the diameter no larger than 0.7 mm above the thread major diameter. A suitable locknut shall be used to secure the product.
- Cable glands do not have any serviceable parts and are therefore not intended to be repaired.
- The cable glands are only suitable for fixed installations according to ATEX and IECEx requirements.
- Cables must be effectively clamped to prevent pulling or twisting according to ATEX and IECEx requirements.
- Connectors with metric entry threads are only suitable for Areas Classified in Zones unless fitted with an approved metric to NPT thread conversion adaptor.
- Installation must be according to CSA C22.1 (CE Code) wiring methods for the types of cables that can be used in Class I, Div. 1 and 2 and Class I, Zone 1 and 2 Classified Areas.
- Installation must be according to NFPA 70 (NEC) wiring methods for the types of cables that can be used in Class I, Div. 1 and 2 and Class I, Zone 1 and 2 Classified Areas.
- Prior to commissioning or operation of electrical equipment in the presence of flammable materials, the sealing compound must be cured for 24 hours at a temperature of no less than 5°C (41°F).
- For Metric and NPT threads, the installer shall follow guidance from the NFPA 70 (NEC) or CSA C22.1 (CE Code) to ensure that the enclosure entry meets the requirements for thread engagement.
- Carefully follow the instruction related to the resin compound.